



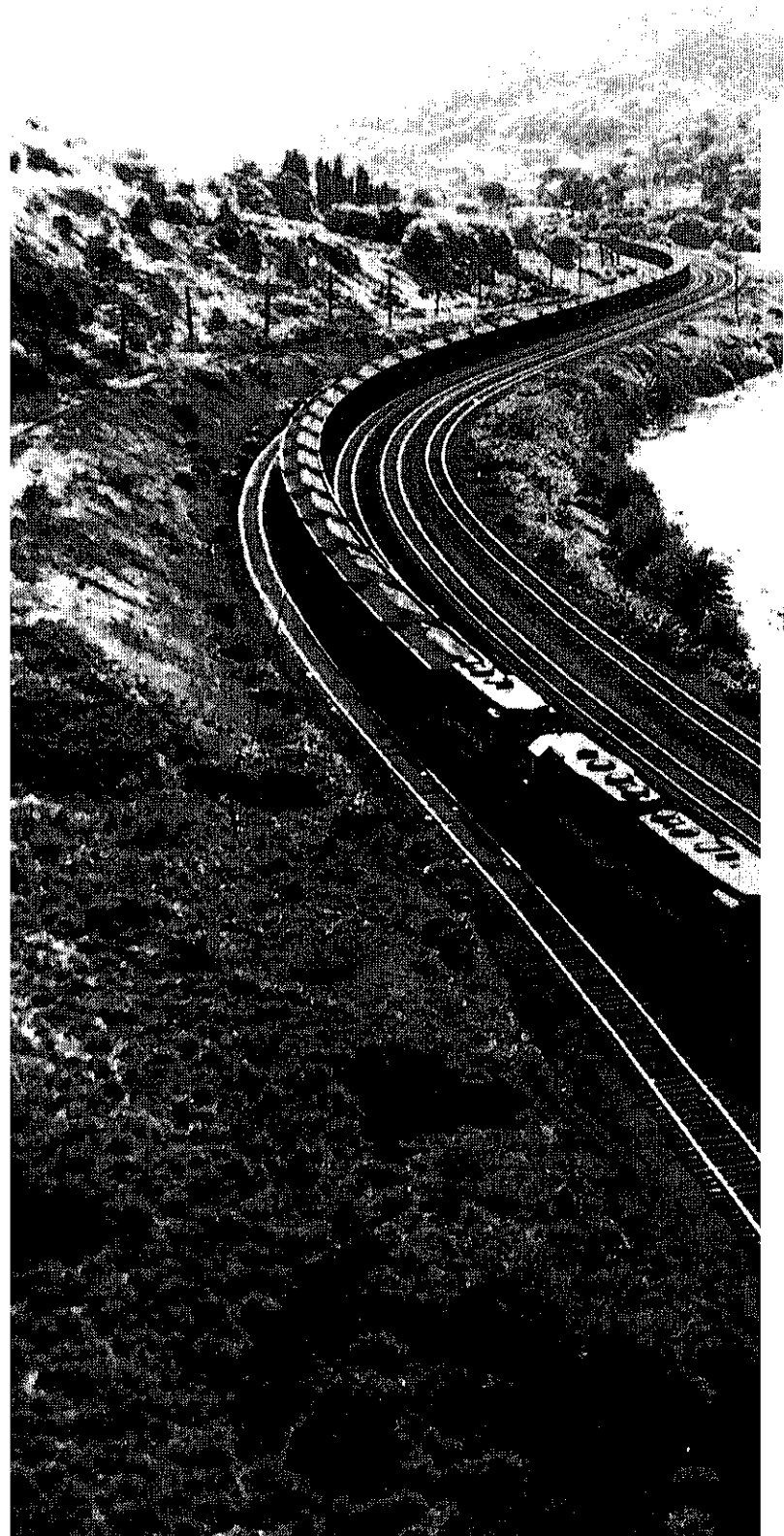


Energy  
Information  
Administration

# Weekly Coal Production

Production for Week Ended:  
March 3, 1990

EIA-54



The *Weekly Coal Production (WCP)* provides weekly production estimates of U.S. coal by State, as well as supplementary data which are usually published twice a month. The Coal Exports and Imports Supplement contains annual as well as detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Coal Market Supplement contains detailed statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origins and destination of coal shipments. This supplement will also contain summary level data for all coal consuming sectors on a quarterly basis.

Preliminary actual data are published quarterly based on the EIA-6 coal distribution data. The estimation error for a quarter at the national level ranges from one percent to four percent. The State level errors can vary slightly from the national level.

Final data are published annually based on the EIA-7A Coal Production Survey. The revision error for a quarter at the national level ranges from .02 percent to .08

percent. The State level errors can vary slightly from the national level.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1988*, and *Coal Data: A Reference*.

This publication was prepared by Wayne M. Watson and Michelle D. Bowles under the direction of Mary K. Paull and Noel C. Balthasar, Chief, Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at (202/586-8800).*

# Contents

	Page
Summary .....	1

## Illustrations

	Page
1. Coal Production .....	2

## Tables

	Page
1. Coal Production .....	1
2. Coal Production by State .....	2
3. Coal Production by State, February 1990 .....	3
4. Coal Statistics for Electric Utilities, 1980-1989 .....	4
5. Coal-Fired Net Generation, December 1989 .....	5
6. Coal Consumption at Electric Utility Plants, December 1989 .....	6
7. Coal Stocks at Electric Utility Plants, December 1989 .....	7
8. Coal Receipts at Electric Utility Plants, November 1989 .....	8
9. Quality and Price of Coal Receipts at Electric Utility Plants, November 1989 .....	9
10. Quality and Price of Contract Coal Receipts at Electric Utility Plants, November 1989 .....	10
11. Quality and Price of Spot Coal Receipts at Electric Utility Plants, November 1989 .....	11
12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants by Origin, November 1989 .....	12
13. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants by Origin, January-November 1989 .....	13
14. Destination of Coal Received at Electric Utility Plants by Origin, January-November 1989 .....	14
15. Origin of Coal Received at Electric Utility Plants by Destination, January-November 1989 .....	



# Summary

production in the week ended March 3, 1990, led by the Energy Information Administration's 20 million short tons. This was virtually the same as in the previous week and in the comparable week of 1989. Production East of the Mississippi totaled 11 million short tons, and production West of the Mississippi totaled 8 million short tons.

Production in February totaled 82 million short tons, 1 percent less than the 90 million short tons produced in January and 9 percent higher than production in February 1989.

The *Weekly Coal Production* contains the new Coal Market Supplement, focusing on the current demand for coal at utility plants. These plants compose the principal domestic market for coal. Consequently, they have a strong influence on coal production. Coal-fired generating units, in turn, hold a large share in the U.S. electric power industry, representing the largest share of generating capability and accounting for more than half of the electricity generated.

In November 1989 electric utility plants consumed 72 million short tons of coal, compared with 67 million short tons a year earlier. For the year 1989, utility coal production rose to 766 million short tons, only slightly more than in 1988. Coal-generated electricity in November 1989 amounted to 147,030 gigawatt-hours, nearly 8 percent higher than in November 1988. This raised the total coal-fired generation in 1989 to 184 GWh, also slightly more than in 1988. In

1989, coal-fired generation accounted for 56 percent of total electricity generation in the United States, down slightly from 57 percent in 1988.

From January through November 1989, electric utility plants received 693 million short tons of coal. Of this, 83 percent was purchased under contract and the balance was from the spot market. By comparison, in the same period of 1988, contract coal accounted for 87 percent of the coal receipts. The price of utility coal receipts averaged \$1.45 per million Btu, which was 2 cents less than a year earlier. Contract coal dropped 2 cents to an average of \$1.49 per million Btu. By contrast, spot market coal rose 2 cents to an average of \$1.28 per million Btu. The sulfur content of the coal receipts averaged 0.64 pounds per million Btu, approximately the same as that a year ago.

Coal stocks at electric utility plants declined to 136 million short tons at the end of 1989. This was 7 percent below the level at the end of 1988 and the lowest year-end level in the 1980's.

In the period January-November 1989, coal shipments from Wyoming, Kentucky, West Virginia, Indiana, Pennsylvania and Ohio increased markedly over those in the same period of 1988. Together these States accounted for almost 90 percent of the total increase in receipts by origin. Coal receipts over this same period were up significantly in Texas, Indiana, West Virginia, Ohio, Pennsylvania and Virginia. Together these States accounted for almost three-fourths of the total increase in receipts by destination.

## I. Coal Production

Production and Carloadings	Week Ended			52 Weeks Ended		
	03/03/90	02/24/90	03/04/89	03/03/90	03/04/89	Percent Change
(Thousand Short Tons)						
Subbituminous and Lignite .....	19,983	20,235	19,838	982,007	948,964	3.5
Pennsylvania Anthracite .....	74	74	72	3,536	3,614	-2.1
Other Anthracite .....	20,037	20,309	19,910	985,543	952,578	3.5
Total Coal Loaded .....	127,872	129,751	127,192	6,432,043	6,289,667	

Subbituminous coal.

All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Figure 1. Coal Production

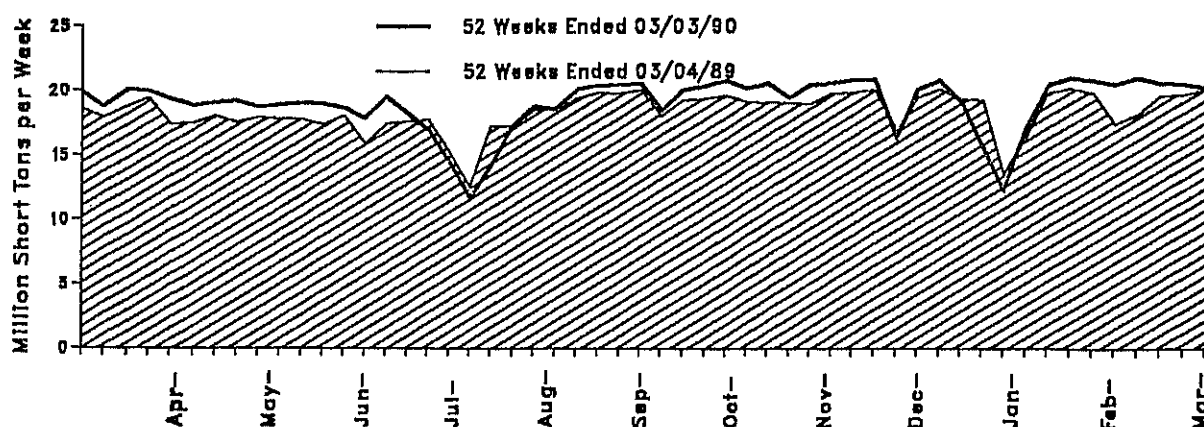


Table 2. Coal Production by State  
(Thousand Short Tons)

Region and State	Week Ended		
	03/03/90	02/24/90	03/04/89
<b>Bituminous Coal<sup>1</sup> and Lignite</b>			
East of the Mississippi .....	11,942	12,281	12,409
Alabama .....	517	533	553
Illinois .....	1,143	1,257	1,327
Indiana .....	828	813	611
Kentucky .....	3,327	3,250	3,301
Kentucky, Eastern .....	2,503	2,507	2,488
Kentucky, Western .....	824	743	815
Maryland .....	59	57	71
Ohio .....	679	688	719
Pennsylvania Bituminous .....	1,323	1,400	1,390
Tennessee .....	128	139	120
Virginia .....	1,015	1,096	1,001
West Virginia .....	2,923	2,989	3,316
West of the Mississippi .....	8,022	7,954	7,429
Alaska .....	33	33	30
Arizona .....	250	253	231
Arkansas .....	1	2	2
Colorado .....	399	428	314
Iowa .....	8	8	11
Kansas .....	22	22	7
Louisiana .....	49	30	37
Missouri .....	66	67	75
Montana .....	783	752	730
New Mexico .....	658	624	435
North Dakota .....	618	593	648
Oklahoma .....	40	42	36
Texas .....	1,055	1,071	1,016
Utah .....	460	504	414
Washington .....	92	93	101
Wyoming .....	3,488	3,431	3,343
Bituminous <sup>1</sup> and Lignite Total .....	19,963	20,235	19,838
Pennsylvania Anthracite .....	74	74	72
U.S. Total .....	20,037	20,309	19,910

<sup>1</sup>Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, EIA-8, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

**Table 3. Coal Production by State, February 1990**  
(Thousand Short Tons)

Region and State	February 1990	January 1990	February 1989	Year to Date		
				1990	1989	Percent Change
Bituminous Coal <sup>1</sup> and Lignite						
East of the Mississippi .....	49,842	54,223	47,950	104,066	98,232	5.9
Alabama .....	2,282	2,524	2,140	4,816	4,373	10.1
Illinois .....	4,836	5,414	4,729	10,251	9,998	2.5
Indiana .....	3,549	3,504	2,386	7,053	4,838	45.8
Kentucky .....	13,574	15,082	12,588	28,656	25,910	10.6
Kentucky, Eastern .....	10,334	11,321	9,489	21,655	19,518	11.0
Kentucky, Western .....	3,240	3,761	3,109	7,001	6,394	9.5
Maryland .....	239	273	277	512	569	-10.0
Ohio .....	2,771	3,036	2,797	5,806	5,692	2.0
Pennsylvania Bituminous .....	5,504	5,559	5,611	11,063	11,201	-1.2
Tennessee .....	551	594	458	1,145	941	21.7
Virginia .....	4,357	4,737	3,841	9,094	7,890	15.3
West Virginia .....	12,170	13,500	13,113	25,670	26,825	-4.3
West of the Mississippi .....	31,668	35,659	27,090	67,328	58,776	14.5
Alaska .....	134	150	115	284	240	18.3
Arizona .....	1,020	1,120	872	2,140	1,822	17.4
Arkansas .....	6	7	7	13	14	-10.3
Colorado .....	1,698	1,830	1,238	3,528	2,562	37.7
Iowa .....	32	36	40	68	89	-23.5
Kansas .....	90	98	26	185	83	122.6
Louisiana .....	159	249	207	408	451	-9.5
Missouri .....	271	300	284	571	601	-4.9
Montana .....	3,049	3,469	2,583	6,518	5,783	12.7
New Mexico .....	2,300	2,279	1,752	4,579	3,520	30.1
North Dakota .....	2,406	2,791	2,293	5,197	5,121	1.5
Oklahoma .....	158	190	113	348	263	32.2
Texas .....	4,310	4,810	3,841	9,120	8,026	13.6
Utah .....	1,982	2,186	1,536	4,168	3,229	29.1
Washington .....	376	416	382	792	798	-.7
Wyoming .....	13,677	15,731	11,802	29,408	26,174	12.4
Bituminous <sup>1</sup> and Lignite Total .....	81,510	89,883	75,040	171,393	157,009	9.2
Pennsylvania Anthracite .....	286	307	282	592	563	5.2
U.S. Total .....	81,796	90,189	75,322	171,986	157,572	9.1

<sup>1</sup> Includes subbituminous coal.

Note: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.



Table 4. Coal Statistics for Electric Utilities, 1980-1989

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur MM Btu)		GWh <sup>1</sup>	Percent Coal	
80 .....	593,995	88.5	135	0.75	569,274	1,161,562	50.8	183,010
81 .....	579,374	86.9	153	.71	596,797	1,203,203	52.4	168,893
82 .....	601,427	90.4	165	.71	593,666	1,192,004	53.2	181,132
83 .....	592,728	88.3	166	.70	625,211	1,259,424	54.5	155,598
84 .....	684,111	85.5	166	.70	664,399	1,341,681	55.5	179,727
85 .....	666,743	88.9	165	.66	693,841	1,402,128	56.8	156,376
86 .....	686,964	87.5	158	.66	685,056	1,385,831	55.7	161,806
87 .....								
January .....	56,653	89.2	150	.67	62,414	126,631	56.8	157,061
February .....	53,169	83.9	153	.67	53,715	109,048	56.5	158,322
March .....	57,622	86.7	153	.67	54,647	111,920	55.4	161,648
April .....	55,218	82.3	155	.67	51,435	105,474	55.7	165,103
May .....	56,426	85.9	154	.66	56,484	115,155	55.9	165,683
June .....	61,047	85.0	152	.66	63,500	129,351	57.3	163,361
July .....	57,882	85.8	150	.62	70,736	143,503	57.9	150,217
August .....	66,256	85.1	149	.64	70,075	143,194	57.8	146,106
September .....	64,605	83.9	150	.65	59,259	120,777	56.7	151,961
October .....	65,413	82.8	150	.65	57,117	117,743	58.0	160,942
November .....	62,845	82.8	147	.65	55,981	114,172	57.0	168,274
December .....	64,162	82.4	146	.65	62,551	126,213	57.2	170,797
Total .....	721,299	84.6	151	.65	717,894	1,463,781	56.9	
88 .....								
January .....	58,626	85.7	147	.66	67,850	137,845	57.9	163,561
February .....	58,871	86.7	149	.64	61,401	126,267	58.2	160,424
March .....	59,021	88.8	149	.63	58,758	120,034	56.1	162,603
April .....	56,136	87.9	150	.62	54,135	109,135	55.7	165,750
May .....	57,920	87.9	150	.63	56,529	115,195	55.3	166,328
June .....	59,337	87.1	146	.62	65,343	132,268	56.8	161,215
July .....	58,989	86.9	146	.60	71,749	144,301	56.0	148,234
August .....	68,690	86.4	145	.62	75,253	152,377	56.9	141,389
September .....	63,103	85.2	145	.64	61,540	124,410	56.5	142,830
October .....	63,574	86.3	146	.64	59,561	121,339	57.6	147,130
November .....	62,015	84.3	146	.63	59,305	121,054	57.8	150,016
December .....	63,487	82.6	142	.63	66,948	136,427	58.6	146,507
Total .....	727,775	86.3	147	.63	758,372	1,540,653	57.0	
89 .....								
January .....		82.5	143	.64	66,454	134,876	58.3	141,682
February .....				.64	62,613	126,936	57.9	137,136
March .....				.64	61,912	126,564	55.9	138,919
April .....				.63	55,932	115,273	55.5	144,577
May .....				.65	58,360	118,958	54.1	150,833
June .....				.63	63,623	128,454	54.6	148,831
July .....				.61	69,706	139,474	53.9	135,212
August .....				.64	70,332	141,710	54.8	134,234
September .....				.64	62,888	126,730	55.9	135,626
October .....				.64	60,541	122,214	55.8	142,292
November .....				.64	60,946	124,164	56.7	147,131
December .....				NA	72,267	147,030	56.8	135,894

23, "Monthly Report of Cost and Quality of Fuels for Electric Plants."  
<sup>1</sup> Production." Generation: Energy Information Administration (EIA),

**Table 5. Coal-Fired Net Generation, December 1989**  
(Gigawatthours)

Census Division and State	December 1989	December 1988	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1989	1988	Percent Change	1989	1988
New England .....	1,640	1,633	0.4	17,255	16,979	1.6	17.7	18.2
Connecticut .....	248	215	15.4	2,085	2,094	( <sup>1</sup> )	6.1	5.8
Maine .....	-	-	-	-	-	-	-	-
Massachusetts .....	1,194	1,166	2.4	12,088	11,687	3.4	30.9	33.7
New Hampshire .....	197	252	-22.0	3,072	3,197	-3.9	43.1	45.7
Rhode Island .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Vermont .....	-	-	-	-	-	-	-	-
Middle Atlantic .....	13,455	12,669	6.2	139,516	136,163	2.5	42.8	42.8
New Jersey .....	684	881	-22.4	8,378	7,163	17.0	20.4	17.8
New York .....	2,371	2,176	9.0	25,224	22,761	10.8	19.4	18.3
Pennsylvania .....	10,400	9,612	8.2	105,913	106,239	-3	68.4	69.5
East North Central .....	33,340	30,277	10.1	355,551	350,816	1.3	73.7	75.4
Illinois .....	5,849	4,868	20.2	51,125	52,994	-3.5	40.3	43.0
Indiana .....	8,510	7,656	11.2	87,330	82,813	5.5	98.6	98.6
Michigan .....	5,877	5,547	6.0	67,618	68,578	-1.4	73.9	77.2
Ohio .....	10,165	9,587	6.0	117,677	114,564	2.7	89.8	92.4
Wisconsin .....	2,937	2,619	12.2	31,800	31,867	-2	71.7	70.8
West North Central .....	15,313	15,103	1.4	160,137	162,491	-1.4	74.9	75.6
Iowa .....	2,187	2,077	5.3	23,724	23,345	1.6	85.5	84.2
Kansas .....	2,278	2,333	-2.4	22,907	23,089	-8	66.9	73.6
Minnesota .....	2,415	2,338	3.3	26,010	26,726	-2.7	67.5	68.4
Missouri .....	4,395	4,554	-3.5	49,754	49,051	1.4	83.8	82.1
Nebraska .....	1,313	1,286	2.1	11,582	12,225	-5.3	54.9	59.2
North Dakota .....	2,488	2,270	9.6	23,774	25,450	-6.6	92.5	93.0
South Dakota .....	238	244	-2.6	2,387	2,605	-8.4	34.2	33.0
South Atlantic .....	32,225	29,451	9.4	332,022	323,188	2.7	61.3	61.4
Delaware .....	565	556	1.7	5,066	5,788	-12.5	59.9	64.7
District of Columbia .....	-	-	-	-	-	-	-	-
Florida .....	5,202	4,864	7.0	59,436	57,516	3.3	47.8	48.4
Georgia .....	5,572	5,162	7.9	63,405	64,834	-2.2	68.6	78.7
Maryland .....	2,101	1,639	28.2	23,627	23,318	1.3	66.1	57.7
North Carolina .....	5,379	4,825	11.5	50,524	46,090	9.6	58.0	58.8
South Carolina .....	2,248	2,485	-9.5	23,800	23,485	1.3	35.5	38.0
Virginia .....	2,486	2,287	8.7	24,059	21,413	12.4	55.5	47.4
West Virginia .....	8,672	7,634	13.6	82,105	80,747	1.7	99.1	99.3
East South Central .....	16,911	15,809	7.0	173,863	185,856	-6.5	71.4	81.2
Alabama .....	5,065	4,194	20.8	52,601	48,835	7.7	67.8	72.3
Kentucky .....	6,691	6,082	10.0	66,214	73,847	-10.3	93.6	96.6
Mississippi .....	672	897	-25.0	8,724	12,051	-27.6	41.4	48.0
Tennessee .....	4,483	4,636	-3.3	46,324	51,122	-9.4	62.6	85.4
West South Central .....	16,361	15,193	7.7	179,374	175,455	2.2	49.4	49.3
Arkansas .....	2,055	1,733	18.6	18,604	19,876	-6.4	55.7	58.9
Louisiana .....	1,201	1,740	-31.0	18,081	18,431	-1.9	34.3	32.5
Oklahoma .....	2,636	2,013	31.0	24,122	24,273	-6	54.2	55.1
Texas .....	10,468	9,707	7.8	118,566	112,876	5.0	51.0	51.0
Mountain .....	16,911	15,522	8.9	184,405	180,748	2.0	78.3	75.5
Arizona .....	2,817	1,835	53.5	32,364	28,391	14.0	60.9	46.1
Colorado .....	2,710	2,499	8.4	29,406	27,801	5.8	91.1	90.0
Idaho .....	-	-	-	-	-	-	-	-
Montana .....	1,593	1,556	2.4	16,129	16,462	-2.0	62.5	66.3
Nevada .....	1,195	1,309	-8.7	15,382	16,764	-8.2	78.2	82.6
New Mexico .....	2,266	2,353	-3.7	25,446	24,245	5.0	89.8	91.9
Utah .....	2,741	2,392	14.6	29,676	28,806	3.0	97.3	87.2
Wyoming .....	3,588	3,579	.3	36,003	38,279	-5.9	99.0	97.8
Pacific Contiguous .....	844	743	13.6	8,959	8,641	3.7	3.4	3.4
California .....	-	-	-	-	-	-	-	-
Oregon .....	( <sup>1</sup> )	-4	( <sup>1</sup> )	440	-30	( <sup>1</sup> )	1.0	-1
Washington .....	844	747	13.0	8,519	8,670	-1.7	9.9	10.4
Pacific Noncontiguous .....	31	28	18.6	302	316	-4.4	2.4	2.7
Alaska .....	31	26	18.6	302	316	-4.4	6.9	7.5
Hawaii .....	-	-	-	-	-	-	-	-
U.S. Total .....	147,030	136,427	7.8	1,551,384	1,540,653	.7	55.8	57.0

(<sup>1</sup>) For quantity data, the absolute value of the number is less than 0.5 gigawatthours. For percentage calculations, the absolute value of the number is less than 0.05 percent.

(<sup>1</sup>) Percent change calculation not meaningful.

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 6. Coal Consumption at Electric Utility Plants, December 1989**  
(Thousand Short Tons)

Census Division and State	December 1989	November 1989	December 1988	Year to Date		
				1989	1988	Percent Change
New England Total .....	612	601	610	6,489	6,330	2.5
Connecticut .....	100	78	89	853	854	-.1
Massachusetts .....	434	430	423	4,474	4,260	5.0
New Hampshire .....	78	94	99	1,162	1,217	-4.5
Rhode Island .....	(*)	(*)	(*)	(*)	(*)	-
Middle Atlantic Total .....	5,454	4,775	5,086	56,642	55,059	2.9
New Jersey .....	266	175	329	3,244	2,773	17.0
New York .....	973	898	863	10,158	9,120	11.4
Pennsylvania .....	4,215	3,702	3,893	43,240	43,166	.2
East North Central Total .....	15,801	13,415	14,133	166,493	163,462	1.9
Illinois .....	2,993	2,267	2,474	25,758	26,681	-3.5
Indiana .....	4,197	3,510	3,687	42,428	40,000	5.9
Michigan .....	2,606	2,483	2,426	29,972	29,968	(*)
Ohio .....	4,370	3,661	4,062	50,480	48,893	3.2
Wisconsin .....	1,636	1,493	1,484	17,857	17,861	(*)
West North Central Total .....	9,686	8,270	9,373	100,450	101,097	-.6
Iowa .....	1,360	1,044	1,258	14,575	13,921	4.7
Kansas .....	1,493	1,073	1,516	14,774	14,742	.2
Minnesota .....	1,493	1,408	1,318	16,368	16,259	.7
Missouri .....	2,134	2,030	2,292	24,612	24,356	1.1
Nebraska .....	826	592	808	7,303	7,744	-5.7
North Dakota .....	2,154	1,927	1,954	20,538	21,686	-5.3
South Dakota .....	226	198	230	2,281	2,388	-4.5
South Atlantic Total .....	12,733	9,891	11,596	132,289	128,628	2.8
Delaware .....	235	181	229	2,128	2,420	-12.1
Florida .....	2,085	1,770	1,973	24,297	23,528	3.3
Georgia .....	2,228	1,574	2,096	25,839	26,513	-2.5
Maryland .....	812	650	826	9,074	9,020	.6
North Carolina .....	2,095	1,571	1,837	18,516	17,766	9.9
South Carolina .....	906	570	970	9,472	9,210	2.9
Virginia .....	988	680	900	9,573	8,469	13.0
West Virginia .....	3,384	2,895	2,963	32,391	31,704	2.2
East South Central Total .....	7,179	5,786	6,612	73,567	77,689	-5.3
Alabama .....	2,099	1,734	1,711	21,609	20,002	8.0
Kentucky .....	2,940	2,312	2,631	29,109	31,818	-8.5
Mississippi .....	267	237	365	3,566	4,659	-26.6
Tennessee .....	1,872	1,502	1,905	19,283	21,010	-8.2
West South Central Total .....	11,158	9,448	10,502	123,993	121,919	1.7
Arkansas .....	1,240	1,126	1,054	11,278	12,295	-8.3
Louisiana .....	747	719	1,180	11,770	12,301	-4.3
Oklahoma .....	1,556	1,109	1,178	14,423	14,435	-.1
Texas .....	7,615	6,494	7,090	88,523	82,889	4.4
Mountain Total .....	9,064	8,220	8,543	99,532	98,351	1.2
Arizona .....	1,385	1,274	910	18,044	13,932	15.2
Colorado .....	1,434	1,265	1,351	15,686	15,087	4.0
Montana .....	1,012	868	986	10,208	10,410	-1.9
Nevada .....	569	503	652	7,487	8,153	-8.2
New Mexico .....	1,284	1,209	1,393	15,250	14,661	4.0
Utah .....	1,206	959	1,063	12,949	12,544	3.2
Wyoming .....	2,174	2,142	2,187	21,908	23,563	-7.0
Pacific Total .....	581	542	492	6,118	5,837	4.8
Oregon .....	(*)	(*)	(*)	306	(*)	-
Washington .....	552	515	468	5,514	5,561	-.8
Alaska .....	29	27	25	299	276	8.2
<b>U.S. Total .....</b>	<b>72,267</b>	<b>60,946</b>	<b>66,948</b>	<b>765,574</b>	<b>758,372</b>	<b>.9</b>

(\*) For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 7. Coal Stocks at Electric Utility Plants, December 1989**  
(Thousand Short Tons)

Census Division and State	December 31, 1989	November 30, 1989	December 31, 1988	Percent Change December 31: 1989 versus 1988
<b>New England Total</b> .....	<b>1,058</b>	<b>1,116</b>	<b>1,110</b>	<b>-4.6</b>
Connecticut .....	145	186	( <sup>1</sup> )	-
Massachusetts .....	642	662	737	-13.0
New Hampshire .....	243	240	344	-29.4
Rhode Island .....	28	28	28	( <sup>1</sup> )
<b>Middle Atlantic Total</b> .....	<b>12,934</b>	<b>13,997</b>	<b>13,757</b>	<b>-6.0</b>
New Jersey .....	632	666	528	19.8
New York .....	1,233	1,393	1,432	-13.9
Pennsylvania .....	11,069	11,948	11,798	-6.2
<b>East North Central Total</b> .....	<b>34,948</b>	<b>37,466</b>	<b>39,549</b>	<b>-11.6</b>
Illinois .....	8,204	9,115	9,179	-10.6
Indiana .....	8,043	8,512	9,997	-19.5
Michigan .....	8,185	8,830	8,991	-9.0
Ohio .....	6,607	6,738	7,218	-8.5
Wisconsin .....	3,909	4,272	4,165	-6.1
<b>West North Central Total</b> .....	<b>19,390</b>	<b>21,079</b>	<b>19,950</b>	<b>-2.8</b>
Iowa .....	4,044	4,560	4,456	-9.2
Kansas .....	3,266	3,704	3,300	-1.0
Minnesota .....	1,977	2,214	2,579	-23.4
Missouri .....	4,384	4,791	4,541	-3.4
Nebraska .....	1,685	1,762	1,593	5.7
North Dakota .....	3,731	3,748	3,166	17.8
South Dakota .....	303	300	314	-3.4
<b>South Atlantic Total</b> .....	<b>20,493</b>	<b>23,774</b>	<b>23,741</b>	<b>-13.7</b>
Delaware .....	259	346	498	-47.9
Florida .....	4,383	4,591	4,804	-8.8
Georgia .....	5,040	5,493	5,288	-4.7
Maryland .....	1,046	1,204	1,476	-29.1
North Carolina .....	2,795	3,599	3,727	-25.0
South Carolina .....	1,873	2,119	1,661	12.8
Virginia .....	1,368	1,714	1,211	12.9
West Virginia .....	3,729	4,709	5,077	-26.5
<b>East South Central Total</b> .....	<b>11,651</b>	<b>13,078</b>	<b>13,351</b>	<b>-12.7</b>
Alabama .....	3,721	4,174	4,462	-16.6
Kentucky .....	4,299	4,785	4,124	4.3
Mississippi .....	754	797	870	-13.2
Tennessee .....	2,875	3,322	3,895	-26.2
<b>West South Central Total</b> .....	<b>16,917</b>	<b>17,725</b>	<b>16,272</b>	<b>4.0</b>
Arkansas .....	2,134	2,501	1,899	12.4
Louisiana .....	2,627	2,595	2,772	-5.2
Oklahoma .....	2,826	3,102	2,678	5.5
Texas .....	9,329	9,527	8,922	4.6
<b>Mountain Total</b> .....	<b>17,035</b>	<b>17,430</b>	<b>17,079</b>	<b>-3</b>
Arizona .....	3,367	3,586	4,187	-19.6
Colorado .....	3,921	3,954	3,763	4.2
Montana .....	813	879	913	-10.9
Nevada .....	893	925	1,434	-30.8
New Mexico .....	1,403	1,327	1,392	.8
Utah .....	3,202	3,408	2,772	15.5
Wyoming .....	3,337	3,352	2,619	27.4
<b>Pacific Total</b> .....	<b>1,469</b>	<b>1,465</b>	<b>1,698</b>	<b>-13.5</b>
Oregon .....	480	480	766	-38.9
Washington .....	986	982	910	8.4
Alaska .....	3	3	3	-3.4
<b>U.S. Total</b> .....	<b>135,894</b>	<b>147,131</b>	<b>146,507</b>	<b>-7.2</b>

(<sup>1</sup>) For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 8. Coal Receipts at Electric Utility Plants, November 1989**  
(Thousand Short Tons)

Census Division and State	November 1989	October 1989	November 1988	Year to Date		
				1989	1988	Percent Change
<b>New England Total</b> .....	552	674	580	5,782	5,826	-0.8
Connecticut .....	109	95	73	816	770	6.0
Massachusetts .....	329	447	355	3,982	3,930	1.3
New Hampshire .....	114	132	152	983	1,126	-12.7
<b>Middle Atlantic Total</b> .....	4,984	5,256	4,607	51,479	48,641	10.4
New Jersey .....	296	335	246	3,077	2,193	40.3
New York .....	918	936	776	9,105	7,771	17.2
Pennsylvania .....	3,771	3,985	3,585	39,297	36,676	7.1
<b>East North Central Total</b> .....	14,627	15,166	13,624	148,463	142,139	4.4
Illinois .....	2,256	2,291	2,187	22,992	24,643	-6.7
Indiana .....	4,101	4,169	3,373	36,868	32,967	11.8
Michigan .....	2,815	3,166	2,784	26,971	26,401	2.2
Ohio .....	4,067	3,944	3,679	45,315	41,852	8.3
Wisconsin .....	1,387	1,596	1,622	16,317	16,278	.2
<b>West North Central Total</b> .....	8,940	8,470	8,795	92,809	90,335	2.7
Iowa .....	1,285	1,301	1,069	13,447	12,833	4.8
Kansas .....	1,281	951	1,360	13,681	13,447	1.7
Minnesota .....	1,451	1,716	1,427	14,719	14,005	5.1
Missouri .....	2,219	2,268	2,211	23,112	21,802	6.0
Nebraska .....	649	529	589	6,720	6,713	.1
North Dakota .....	1,855	1,600	1,956	19,280	19,590	-1.6
South Dakota .....	191	105	183	1,850	1,945	-4.9
<b>South Atlantic Total</b> .....	11,295	11,960	10,222	118,795	110,865	7.2
Delaware .....	235	188	184	1,770	2,346	-24.6
Florida .....	1,992	2,055	1,989	21,487	22,052	-2.6
Georgia .....	2,303	2,248	2,075	23,598	23,248	1.5
Maryland .....	629	626	847	7,878	8,019	-1.8
North Carolina .....	1,614	1,835	1,377	17,080	15,525	10.0
South Carolina .....	794	1,042	846	9,158	8,259	10.9
Virginia .....	886	878	740	9,106	8,489	40.3
West Virginia .....	2,842	3,089	2,163	28,720	24,927	15.2
<b>East South Central Total</b> .....	6,421	6,612	6,180	68,054	67,633	.6
Alabama .....	1,947	1,881	1,926	19,658	18,403	6.8
Kentucky .....	2,625	2,828	2,696	28,293	26,472	6.9
Mississippi .....	259	350	280	3,229	4,585	-29.6
Tennessee .....	1,590	1,553	1,578	16,874	18,173	-7.1
<b>West South Central Total</b> .....	9,832	9,405	9,115	112,058	107,034	4.7
Arkansas .....	890	1,085	1,037	10,584	10,762	-1.6
Louisiana .....	953	924	1,108	10,814	10,994	-1.6
Oklahoma .....	1,221	1,117	1,171	13,354	12,285	8.7
Texas .....	6,768	6,299	5,789	77,295	72,993	5.9
<b>Mountain Total</b> .....	8,447	8,575	8,430	90,028	88,443	1.8
Arizona .....	1,239	1,492	1,149	14,052	12,930	8.7
Colorado .....	1,234	1,255	1,368	14,351	13,516	6.2
Montana .....	933	928	973	9,257	9,508	-2.8
Nevada .....	486	369	640	6,431	7,307	-12.0
New Mexico .....	1,278	1,264	1,157	13,881	13,011	6.7
Utah .....	1,163	1,266	1,054	12,385	11,334	9.3
Wyoming .....	2,114	2,001	2,089	19,671	20,837	-5.6
<b>Pacific Total</b> .....	472	459	463	5,122	5,372	-4.6
Oregon .....	-	-	-	-	235	-
Washington .....	472	459	463	5,122	5,137	-.3
<b>U.S. Total</b> .....	65,570	66,578	62,015	692,588	664,288	4.3

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 9. Quality and Price of Coal Receipts at Electric Utility Plants,  
November 1989**

Census Division and State	November 1989		November 1988		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1989		1988		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England .....	0.49	175	0.55	167	0.48	170	0.50	174	-3.95	-2
Connecticut .....	.21	211	.20	212	.20	214	.20	230	1.8	-6.8
Massachusetts .....	.51	161	.48	158	.47	160	.46	161	3.1	-9
New Hampshire .....	.69	179	.87	168	.76	172	.86	179	-12.0	-3.7
Mid Atlantic .....	.78	150	.82	148	.78	149	.82	149	-4.16	0
New Jersey .....	.47	179	.44	172	.44	175	.47	172	-7.9	2.1
New York .....	.64	158	.70	154	.65	157	.68	158	-3.4	-8
Pennsylvania .....	.84	146	.88	145	.84	144	.87	145	-3.1	-6
East North Central .....	.80	153	.80	156	.83	154	.82	161	1.40	-4
Illinois .....	.86	179	.88	186	.94	182	.90	191	4.5	-4.8
Indiana .....	.91	133	1.01	139	1.05	136	1.05	144	-.5	-5.5
Michigan .....	.30	165	.29	171	.30	172	.31	176	-4.1	-1.9
Ohio .....	1.07	153	1.07	150	1.04	148	1.04	153	.3	-3.0
Wisconsin .....	.42	144	.42	142	.44	145	.47	147	-4.8	-1.6
West North Central .....	.61	111	.60	110	.58	115	.59	116	-.84	-1
Iowa .....	.41	110	.42	124	.45	123	.45	125	-.9	-1.9
Kansas .....	.38	126	.37	119	.36	124	.39	124	-7.8	-5
Minnesota .....	.28	111	.32	102	.29	121	.34	122	-14.3	-6
Missouri .....	1.11	131	1.08	134	1.01	135	1.01	139	.0	-2.7
Nebraska .....	.21	72	.21	78	.21	84	.21	85	-1.6	-1.1
North Dakota .....	.58	68	.53	68	.55	69	.53	70	4.6	-1.5
South Dakota .....	.73	123	.82	122	.73	124	.71	121	2.8	2.3
South Atlantic .....	.61	166	.59	167	.60	165	.60	167	-.45	-1
Delaware .....	.43	176	.41	176	.40	179	.42	181	-3.5	-1.0
Florida .....	.68	178	.70	177	.71	179	.70	178	.9	.6
Georgia .....	.71	175	.70	175	.69	176	.70	174	-1.2	.8
Maryland .....	.62	164	.56	156	.56	161	.57	158	-1.6	1.9
North Carolina .....	.36	180	.36	181	.37	177	.37	177	-.4	-3
South Carolina .....	.43	168	.45	180	.44	171	.47	178	-5.2	-3.1
Virginia .....	.39	160	.37	153	.37	154	.36	156	3.9	-1.1
West Virginia .....	.74	144	.72	144	.74	142	.72	144	2.8	-1.5
East South Central .....	.93	145	.89	145	.92	143	.86	149	7.03	-4
Alabama .....	.65	189	.61	198	.69	187	.62	194	11.5	-3.9
Kentucky .....	1.22	115	1.13	114	1.19	114	1.10	120	7.8	-5.7
Mississippi .....	.63	163	.52	162	.61	167	.55	182	11.7	-8.2
Tennessee .....	.87	136	.88	136	.84	134	.87	133	-3.3	.6
West South Central .....	.42	145	.38	163	.40	148	.39	150	3.76	-1
Arkansas .....	.19	167	.21	170	.19	163	.20	160	-4.0	1.9
Louisiana .....	.27	163	.33	162	.29	162	.31	155	-6.9	4.5
Oklahoma .....	.27	130	.24	142	.25	137	.25	149	2.5	-8.4
Texas .....	.51	142	.46	166	.49	146	.47	147	5.0	-1.1
Mountain .....	.28	111	.28	107	.28	112	.28	110	.19	2
Arizona .....	.24	134	.23	136	.23	137	.24	141	-2.1	-2.7
Colorado .....	.20	104	.20	106	.19	107	.19	107	-.9	-.2
Montana .....	.36	72	.42	59	.39	58	.39	55	-.1	6.2
Nevada .....	.23	188	.23	128	.23	150	.23	136	3.4	9.7
New Mexico .....	.43	124	.42	115	.43	124	.42	118	2.4	5.3
Utah .....	.24	119	.22	128	.21	124	.21	125	1.7	-1.1
Wyoming .....	.28	80	.29	82	.30	85	.30	84	-.5	.4
Pacific .....	.36	160	.44	161	.41	156	.39	154	4.63	1
Oregon .....	-	-	-	-	-	-	.19	139	-	-
Washington .....	.36	160	.44	161	.41	156	.40	155	2.2	.6
U.S. Total .....	.64	144	.63	146	.64	145	.63	147	1.19	-2

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 10. Quality and Price of Contract Coal Receipts at Electric Utility Plants, November 1989**

Census Division and State	November 1989		November 1988		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1989		1988		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
<b>New England</b> .....	0.48	174	0.43	166	0.43	170	0.43	175	-0.02	-3
Connecticut .....	.21	211	.20	217	.20	218	.20	231	1.1	-5.7
Massachusetts .....	.50	158	.48	155	.47	158	.45	160	4.2	-1.0
New Hampshire .....	.81	168	-	-	.75	170	.81	199	-8.2	-14.4
<b>Mid Atlantic</b> .....	.82	155	.86	154	.82	154	.85	155	-3.78	0
New Jersey .....	.48	178	.45	172	.46	176	.48	172	-4.4	2.1
New York .....	.63	161	.67	162	.63	162	.65	167	-2.6	-3.0
Pennsylvania .....	.90	151	.93	151	.89	150	.91	151	-2.3	-7
<b>East North Central</b> .....	.82	162	.82	165	.84	164	.85	170	-.63	-4
Illinois .....	1.00	182	.89	191	.96	187	.90	196	6.2	-4.5
Indiana .....	.95	140	1.04	143	1.07	143	1.08	149	-8	-4.6
Michigan .....	.28	171	.28	176	.29	178	.30	184	-3.0	-3.5
Ohio .....	1.09	170	1.19	169	1.09	165	1.12	170	-2.6	-3.2
Wisconsin .....	.44	143	.44	140	.46	145	.48	148	-4.3	-1.9
<b>West North Central</b> .....	.63	113	.61	112	.57	116	.58	117	-1.77	-1
Iowa .....	.34	135	.35	128	.39	130	.41	129	-4.5	1.1
Kansas .....	.35	126	.28	127	.30	126	.36	126	-15.1	-3
Minnesota .....	.27	110	.30	101	.29	121	.34	122	-14.7	-4
Missouri .....	1.18	135	1.12	137	1.04	137	1.05	142	-.9	-3.2
Nebraska .....	.20	76	.21	81	.21	87	.21	86	-.8	1.9
North Dakota .....	.58	68	.53	68	.55	70	.53	70	4.7	-.9
South Dakota .....	.73	123	.82	122	.73	124	.75	122	-2.6	1.4
<b>South Atlantic</b> .....	.60	175	.60	173	.60	174	.60	173	.24	0
Delaware .....	.40	183	.41	178	.39	181	.43	184	-8.3	-1.8
Florida .....	.64	189	.68	184	.65	189	.65	189	-.3	.1
Georgia .....	.72	181	.70	178	.72	182	.73	179	-1.4	1.8
Maryland .....	.61	166	.58	160	.59	163	.57	161	3.0	1.0
North Carolina .....	.36	185	.38	181	.37	181	.36	180	.2	.5
South Carolina .....	.41	177	.46	189	.45	179	.47	187	-6.0	-4.2
Virginia .....	.37	156	.34	160	.37	154	.34	159	8.2	-3.2
West Virginia .....	.73	158	.71	151	.75	155	.72	151	4.1	2.3
<b>East South Central</b> .....	.95	155	.90	157	.93	155	.91	159	2.16	-3
Alabama .....	.57	209	.62	201	.62	202	.60	205	3.5	-1.5
Kentucky .....	1.36	119	1.26	125	1.34	121	1.31	129	2.5	-6.3
Mississippi .....	.53	170	.47	165	.54	175	.53	194	2.4	-10.0
Tennessee .....	.88	140	.91	140	.86	139	.89	137	-3.2	1.4
<b>West South Central</b> .....	.43	147	.36	157	.40	146	.39	150	3.15	-9
Arkansas .....	.19	167	.21	170	.19	163	.20	161	-2.4	1.5
Louisiana .....	.27	163	.33	162	.29	163	.31	158	-8.6	2.8
Oklahoma .....	.24	134	.23	142	.24	138	.23	149	2.9	-7.1
Texas .....	.53	143	.45	157	.50	142	.47	147	5.6	-3.6
<b>Mountain</b> .....	.29	112	.28	107	.28	113	.28	111	1.03	2
Arizona .....	.24	134	.23	136	.23	137	.24	141	-2.1	-2.7
Colorado .....	.19	104	.20	109	.19	108	.19	110	-2.0	-1.9
Montana .....	.36	72	.42	59	.39	58	.39	55	-.1	5.2
Nevada .....	.23	188	.23	128	.23	150	.23	136	3.4	9.7
New Mexico .....	.43	124	.42	115	.43	124	.42	118	2.4	5.3
Utah .....	.24	121	.22	129	.21	126	.21	128	1.8	-1.4
Wyoming .....	.29	82	.29	82	.31	87	.30	84	2.7	2.7
<b>Pacific</b> .....	.39	166	.44	161	.44	162	.40	159	9.06	2
Oregon .....	-	-	-	-	-	-	.20	139	-	-
Washington .....	.39	166	.44	161	.44	162	.41	160	6.5	1.0
<b>U.S. Total</b> .....	.64	148	.62	149	.63	149	.63	151	.03	-1

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 11. Quality and Price of Spot Coal Receipts at Electric Utility Plants, November 1989**

Census Division and State	November 1989		November 1988		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1989		1988		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England .....	.51	180	.72	170	.59	170	.68	171	-13.44	-1
Connecticut .....	-	-	.20	187	.21	180	.20	183	7.9	-1.5
Massachusetts .....	.54	169	.48	169	.47	166	.48	168	-1.3	-1.2
New Hampshire .....	.46	201	.87	168	.76	173	.87	173	-13.2	-3
Mid Atlantic .....	.68	139	.70	133	.68	134	.70	129	-2.47	4
New Jersey .....	.42	184	.31	169	.37	174	.45	169	-17.9	2.7
New York .....	.66	152	.74	143	.69	147	.72	143	-3.8	2.7
Pennsylvania .....	.70	131	.70	127	.70	127	.70	121	.0	4.6
East North Central .....	.74	128	.70	125	.79	121	.71	124	11.68	-2
Illinois .....	.57	152	.78	124	.71	126	.81	120	-12.3	5.1
Indiana .....	.78	113	.89	120	.96	110	.93	115	3.9	-4.5
Michigan .....	.34	152	.35	152	.32	147	.34	148	-4.9	-4
Ohio .....	1.03	116	.84	110	.92	115	.83	113	10.9	1.6
Wisconsin .....	.23	159	.26	152	.35	144	.35	142	-1.7	1.1
West North Central .....	.51	99	.56	99	.63	106	.60	104	4.27	2
Iowa .....	.49	102	.87	112	.59	103	.75	98	-21.2	4.7
Kansas .....	1.05	123	.59	100	.74	109	.65	109	14.8	.0
Minnesota .....	.35	113	.49	117	.39	116	.49	119	-20.5	-2.7
Missouri .....	.75	110	.63	102	.81	120	.61	107	32.6	12.5
Nebraska .....	.22	67	.20	66	.19	68	.20	75	-1.4	-9.6
North Dakota .....	-	-	-	-	.50	48	.24	94	107.0	-49.3
South Dakota .....	-	-	-	-	-	-	.36	112	-	-
South Atlantic .....	.62	144	.59	136	.60	142	.62	139	-3.04	2
Delaware .....	.50	162	.42	172	.47	162	.38	170	24.1	-4.9
Florida .....	.81	142	.81	130	.90	143	.87	140	4.2	2.4
Georgia .....	.67	157	.68	144	.62	156	.56	148	10.8	5.3
Maryland .....	.63	156	.50	146	.50	156	.56	145	-10.8	7.6
North Carolina .....	.37	159	-	-	.37	153	.41	135	-10.0	13.7
South Carolina .....	.46	157	.44	152	.44	156	.46	152	-3.3	3.0
Virginia .....	.42	166	.40	147	.37	155	.38	151	-2.9	2.5
West Virginia .....	.76	109	.77	104	.72	106	.72	103	-5	2.9
East South Central .....	.89	119	.87	104	.91	110	.71	114	28.74	-4
Alabama .....	.84	139	.47	133	.96	124	.72	122	32.3	1.8
Kentucky .....	.03	106	.94	99	.94	102	.73	105	29.5	-2.7
Mississippi .....	1.07	133	1.03	133	.91	137	.58	161	57.0	-15.3
Tennessee .....	.80	117	.68	114	.72	114	.68	109	5.3	4.4
West South Central .....	.29	118	.52	196	.42	172	.36	148	14.37	16
Arkansas .....	-	-	-	-	-	-	.41	118	-	-
Louisiana .....	-	-	-	-	.43	131	.28	123	53.1	6.7
Oklahoma .....	.43	112	.52	148	.37	122	.38	151	-1.5	-18.8
Texas .....	.19	123	.52	198	.42	185	.38	159	11.2	16.9
Mountain .....	.21	91	.19	87	.20	89	.20	79	.35	13
Colorado .....	.21	103	.19	86	.19	98	.18	80	8.1	22.5
Utah .....	.23	105	.21	96	.24	104	.28	82	-7.8	27.3
Wyoming .....	.19	59	-	-	.19	62	.20	46	-3.6	38.8
Pacific .....	.19	127	-	-	.23	120	.27	106	-16.23	13
Oregon .....	-	-	-	-	-	-	.17	140	-	-
Washington .....	.19	127	-	-	.23	120	.28	104	-17.6	15.2
U.S. Total .....	.66	129	.67	129	.68	128	.65	128	5.08	1

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."



**Table 12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, November 1989**

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Quality
Alabama .....	377	254	698	165	380	173	1,454	200	0.57	12.7	-0.8	4.6
Arizona .....	867	115	-	-	-	-	867	115	.23	-16.7	18.4	.6
Colorado .....	1,308	149	-	-	-	-	1,308	149	.20	3.1	5.5	4.8
Illinois .....	-	-	887	174	3,509	151	4,396	156	1.20	-3.6	-1.5	2.4
Indiana .....	62	151	328	128	2,076	120	2,466	122	1.15	10.3	-7	6.1
Iowa .....	-	-	-	-	5	159	5	159	1.71	-16.7	15.0	33.8
Kansas .....	-	-	-	-	95	138	95	138	2.16	284.9	7.1	61.1
Kentucky .....	1,514	176	5,687	170	3,485	121	10,686	156	.74	7.0	.0	2.8
Louisiana .....	-	-	321	124	-	-	321	124	.36	30.1	-1.7	-18.0
Maryland .....	-	-	212	152	15	111	227	150	.65	5.3	1.6	5.0
Missouri .....	-	-	-	-	354	119	354	119	2.36	3.0	-1.7	8.3
Montana .....	1,429	165	1,752	95	-	-	3,182	128	.28	-2.7	4.3	-13.4
New Mexico .....	401	188	1,390	129	-	-	1,791	143	.38	9.3	3.8	3.8
North Dakota .....	-	-	2,046	73	-	-	2,046	73	.59	-4.3	1.2	7.2
Ohio .....	2	122	235	142	2,466	163	2,702	161	1.43	4.9	2.2	1.3
Oklahoma .....	18	165	56	145	33	124	107	142	.81	8.8	.6	-17.4
Pennsylvania .....	144	160	3,181	151	913	140	4,238	149	.70	11.7	.0	-2.8
Tennessee .....	55	138	297	153	56	117	408	146	.55	31.4	2.1	10.9
Texas .....	-	-	3,031	104	921	117	3,951	107	.81	28.1	-25.6	3.3
Utah .....	1,070	113	138	147	-	-	1,208	117	.24	13.2	-4.1	10.2
Virginia .....	200	185	1,134	169	15	132	1,349	171	.45	-2.3	3.3	1.9
Washington .....	-	-	405	165	-	-	405	165	.39	1.0	-1.2	-18.4
West Virginia .....	1,922	178	3,503	156	2,051	136	7,412	156	.62	7.5	1.1	-2
Wyoming .....	14,020	131	487	93	-	-	14,507	130	.21	3.0	-5.2	-6.7
Imported .....	63	169	46	175	-	-	109	172	.28	21.8	1.4	-11.9
<b>U.S. Total.....</b>	<b>23,452</b>	<b>146</b>	<b>25,834</b>	<b>147</b>	<b>16,375</b>	<b>139</b>	<b>65,570</b>	<b>144</b>	<b>.84</b>	<b>5.7</b>	<b>-.9</b>	<b>1.7</b>

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 13. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-November 1989**

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Quality
Alabama .....	2,675	258	8,227	184	2,928	193	13,711	201	0.56	0.9	-1.7	5.4
Arizona .....	10,926	105	-	-	-	-	10,926	105	.23	-1.7	6.0	.1
Colorado .....	12,660	141	37	108	9	108	12,706	141	.19	5.6	.7	1.5
Illinois .....	-	-	10,948	172	39,101	153	50,049	157	1.18	1.5	-4.0	2.9
Indiana .....	672	151	2,727	122	21,543	126	24,933	126	1.15	11.1	-2.4	2.9
Iowa .....	-	-	-	-	43	152	43	152	1.80	-47.6	14.3	78.8
Kansas .....	-	-	26	117	707	131	733	131	1.86	36.7	2.9	-6.6
Kentucky .....	15,256	172	60,218	188	36,259	122	111,292	154	.74	4.7	-2.2	.9
Louisiana .....	-	-	2,770	127	-	-	2,770	127	.40	.2	2.2	-4
Maryland .....	1	132	2,001	149	154	106	2,156	146	.65	-5.2	2.1	4.0
Missouri .....	-	-	-	-	2,889	130	2,889	130	2.14	-17.2	.3	1.2
Montana .....	13,940	178	19,237	98	-	-	33,063	134	.30	-1.9	-.1	-7.1
New Mexico .....	5,278	181	15,148	130	-	-	20,426	144	.37	7.8	1.3	.5
North Dakota .....	-	-	21,090	74	40	104	21,130	74	.57	-1.4	-1.1	3.9
Ohio .....	23	150	1,030	139	26,974	157	28,027	156	1.40	8.3	-1.4	1.4
Oklahoma .....	209	160	409	145	399	127	1,017	141	.88	-23.7	-2.1	-8.4
Pennsylvania .....	1,238	160	35,359	150	7,206	136	43,772	148	.71	5.2	-.8	-3.0
Tennessee .....	617	158	3,150	144	533	108	4,300	141	.53	4.0	-1.2	2.5
Texas .....	-	-	29,698	99	14,198	117	43,896	105	.78	3.3	-2.8	8.3
Utah .....	12,774	124	826	153	-	-	13,538	126	.22	7.3	-2.8	3.2
Virginia .....	3,219	175	13,414	164	215	144	16,534	166	.44	-.4	1.3	4.5
Washington .....	3	130	4,518	160	-	-	4,518	160	.43	-5.3	1.9	4.4
West Virginia .....	22,607	169	34,648	153	21,083	136	76,994	153	.64	8.6	-1.8	1.3
Wyoming .....	141,601	140	10,722	102	-	-	152,095	137	.22	6.0	-2.4	-2.6
Imported .....	560	181	508	174	-	-	1,069	178	.28	14.5	23.5	-6.3
U.S. Total .....	244,261	149	276,710	145	174,280	139	692,588	145	.64	4.3	-1.6	1.2

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,  
January-November 1989**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Quality (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
Alabama .....	19,658	18,403	80.1	87.2	0.69	0.62	187	194
Alabama .....	13,501	13,427	92.2	91.4	.56	.52	202	205
Illinois .....	795	212	3.2	-	.99	.91	110	102
Indiana .....	330	-	-	-	1.47	-	106	-
Kentucky .....	1,967	1,601	39.0	53.7	1.17	.97	124	130
Ohio .....	2,287	2,430	100.0	100.0	.99	.97	209	205
Tennessee .....	685	694	26.9	69.7	.31	.31	126	124
Virginia .....	-	40	-	-	-	.62	-	145
West Virginia .....	93	-	39.2	-	.32	-	156	-
Arizona .....	14,052	12,930	100.0	100.0	.23	.24	137	141
Arizona .....	7,076	6,516	100.0	100.0	.22	.22	97	98
Colorado .....	483	490	100.0	100.0	.17	.15	172	170
New Mexico .....	6,493	5,925	100.0	100.0	.25	.26	182	189
Arkansas .....	10,594	10,762	100.0	97.9	.19	.20	163	160
Arkansas .....	-	222	-	-	-	.41	-	118
Wyoming .....	10,594	10,540	100.0	100.0	.19	.20	163	161
Colorado .....	14,351	13,516	87.4	90.1	.19	.19	107	107
Colorado .....	9,236	8,562	83.0	85.0	.19	.19	109	106
New Mexico .....	32	-	-	-	.21	-	130	-
Utah .....	-	39	-	54.1	-	.18	-	118
Wyoming .....	5,083	4,915	95.9	99.2	.19	.19	100	108
Connecticut .....	816	770	89.6	96.9	.20	.20	214	230
Kentucky .....	790	770	92.5	96.9	.20	.20	215	230
West Virginia .....	26	-	-	-	.24	-	185	-
Delaware .....	1,770	2,346	89.0	75.8	.40	.42	179	181
Kentucky .....	24	97	75.0	23.7	.30	.29	177	177
Maryland .....	7	-	100.0	-	.58	-	139	-
Pennsylvania .....	435	626	75.5	76.6	.59	.70	164	171
Virginia .....	61	-	100.0	-	.32	-	200	-
West Virginia .....	1,242	1,624	93.4	78.6	.34	.32	183	185
Florida .....	21,487	22,052	76.9	76.7	.71	.70	179	178
Alabama .....	13	137	-	-	1.27	1.20	114	114
Imported .....	722	882	89.3	73.8	.30	.27	171	142
Illinois .....	3,779	3,944	99.3	96.8	1.19	1.16	198	193
Indiana .....	496	91	15.5	-	1.50	1.26	129	119
Kentucky .....	13,812	13,516	69.5	71.6	.64	.67	172	175
Oklahoma .....	-	53	-	-	-	.28	-	202
Tennessee .....	78	-	100.0	-	.39	-	215	-
Virginia .....	763	977	97.8	80.1	.29	.28	232	211
West Virginia .....	1,823	2,452	89.4	81.1	.47	.51	182	173
Imported coal Australia .....	-	38	-	-	-	.26	-	154
Imported coal Colombia .....	685	651	94.1	100.0	.30	.29	173	143
Imported coal Venezuela .....	37	193	-	-	.18	.18	141	138
.....	23,598	23,248	75.5	84.9	.69	.70	176	174
.....	198	-	-	-	.82	-	152	-
.....	23	-	-	-	.27	-	173	-
.....	4,775	5,142	89.4	100.0	1.14	1.09	184	184
.....	13,125	11,949	67.9	79.0	.64	.68	167	162
.....	54	-	-	-	.17	-	181	-
.....	1,008	1,264	77.6	94.9	.41	.48	199	190
.....	3,046	3,442	69.7	75.9	.55	.50	171	165
.....	1,262	1,450	100.0	92.9	.27	.28	243	225
.....	108	-	-	-	.20	-	146	-
.....	23	-	-	-	.27	-	173	-
Colombia .....	22,992	24,643	91.8	93.9	.94	.90	182	191
.....	39	-	-	-	.21	-	180	-
.....	13,462	13,155	95.7	94.8	1.35	1.36	151	153
.....	1,832	1,105	68.1	84.3	.68	.64	126	136
.....	1,444	2,274	67.2	76.0	.32	.57	163	150
.....	2,630	2,392	89.5	100.0	.19	.20	283	281
.....	20	-	-	-	.23	-	182	-
.....	6	-	-	-	.29	-	185	-
.....	260	334	54.6	66.8	.26	.28	169	169
.....	3,299	5,383	98.7	100.0	.24	.22	292	291
.....	36,868	32,967	79.5	84.4	1.05	1.05	136	144
.....	-	5	-	-	.23	-	-	158
.....	189	295	74.8	100.0	.19	.17	302	298
.....	8,248	8,231	87.4	85.3	1.20	1.20	160	165
.....	17,286	15,567	80.3	86.3	1.23	1.20	122	126

a.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,  
January-November 1989 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Quality (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
<b>Indiana</b>								
Kentucky .....	3,831	3,472	79.5	68.3	1.21	1.21	126	132
Montana .....	286	410	61.8	100.0	.18	.20	235	286
Ohio .....	10	11	-	-	.97	1.25	129	107
Virginia .....	-	175	-	-	-	.27	-	163
West Virginia .....	258	322	51.6	.6	.38	.29	186	172
Wyoming .....	6,759	4,478	69.6	77.6	.22	.22	142	158
<b>Iowa</b>	13,447	12,833	74.4	89.3	.45	.45	123	125
Illinois .....	1,722	2,022	62.0	80.9	1.27	1.12	144	146
Indiana .....	708	487	43.1	56.3	1.08	1.15	131	116
Iowa .....	43	82	100.0	87.8	1.80	1.01	152	133
Kentucky .....	75	34	-	-	1.18	1.44	127	119
Missouri .....	-	9	-	100.0	-	1.36	-	127
Montana .....	-	1	-	-	-	.21	-	90
Wyoming .....	10,898	10,199	78.9	92.9	.21	.22	117	120
<b>Kansas</b>	13,681	13,447	88.8	90.2	.38	.39	124	124
Illinois .....	559	1,111	29.5	47.5	1.32	1.07	148	145
Kansas .....	636	302	59.0	92.7	1.94	2.49	130	127
Missouri .....	-	93	-	100.0	-	2.65	-	128
Oklahoma .....	-	59	-	-	-	.17	-	156
Wyoming .....	12,486	11,863	92.9	94.5	.20	.23	122	122
<b>Kentucky</b>	28,293	26,472	62.3	65.5	1.19	1.10	114	120
Illinois .....	9	19	-	-	.86	.30	116	114
Indiana .....	1,927	2,782	47.2	64.2	1.11	1.05	104	116
Kentucky .....	23,487	20,770	68.1	70.7	1.29	1.20	114	121
Ohio .....	118	257	54.3	51.0	1.11	1.18	131	127
Pennsylvania .....	18	44	49.4	100.0	.99	1.14	127	157
Tennessee .....	499	211	27.1	4.7	1.04	1.18	105	101
West Virginia .....	2,213	2,389	45.1	29.0	.33	.36	117	119
Wyoming .....	22	-	-	-	.18	-	124	-
<b>Louisiana</b>	10,814	10,994	97.7	91.3	.29	.31	162	155
Louisiana .....	2,770	2,763	91.0	100.0	.40	.40	127	124
West Virginia .....	161	207	100.0	100.0	.25	.25	202	179
Wyoming .....	7,884	8,024	100.0	88.1	.26	.29	171	163
<b>Maryland</b>	7,876	8,019	88.0	78.5	.56	.57	161	158
Imported .....	247	-	-	-	.24	-	194	-
Kentucky .....	666	305	85.0	95.4	.29	.30	166	162
Maryland .....	1,297	1,080	54.4	91.6	.62	.61	165	163
Pennsylvania .....	2,227	2,565	95.6	95.7	.75	.71	170	169
West Virginia .....	3,438	4,069	57.0	62.8	.48	.49	150	149
Imported coal Colombia .....	247	-	-	-	.24	-	194	-
<b>Massachusetts</b>	3,982	3,930	76.3	80.6	.47	.46	160	161
Imported .....	35	-	-	-	.24	-	196	-
Kentucky .....	23	-	-	-	.35	-	138	-
Maryland .....	-	131	-	48.8	-	.48	-	155
Pennsylvania .....	839	419	17.3	-	.53	.50	164	172
Virginia .....	1,582	1,797	100.0	94.9	.46	.44	162	163
West Virginia .....	1,523	1,583	87.4	88.2	.46	.46	155	155
Imported coal Colombia .....	35	-	-	-	.24	-	194	-
<b>Michigan</b>	26,971	26,401	81.8	76.6	.30	-	-	-
Illinois .....	-	48	-	-	-	-	-	-
Indiana .....	149	180	58.6	46.3	1.16	-	-	-
Kentucky .....	6,773	9,159	84.8	79.4	.33	-	-	-
Montana .....	10,718	9,388	94.5	-	-	-	-	-
Ohio .....	217	149	67.6	-	-	-	-	-
Pennsylvania .....	1,617	1,710	71.6	-	-	-	-	-
Virginia .....	527	511	100.0	-	-	-	-	-
West Virginia .....	5,846	5,119	72.9	-	-	-	-	-
Wyoming .....	1,123	157	-	-	-	-	-	-
<b>Minnesota</b>	14,719	14,005	94.3	-	-	-	-	-
Illinois .....	52	117	100.0	-	-	-	-	-
Indiana .....	68	72	-	-	-	-	-	-
Kentucky .....	1	-	-	-	-	-	-	-
Montana .....	8,116	9,154	90.8	-	-	-	-	-
North Dakota .....	-	37	-	-	-	-	-	-
Wyoming .....	6,481	4,625	99.7	-	-	-	-	-
<b>Mississippi</b>	3,229	4,585	80.5	-	-	-	-	-
Alabama .....	-	16	-	-	-	-	-	-
Illinois .....	1,029	763	84.9	-	-	-	-	-

See footnotes at end of table.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,  
January-November 1989 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Quality (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
Mississippi								
Kentucky	2,173	3,274	79.5	73.5	0.43	0.46	177	190
Virginia	-	64	-	-	-	.26	-	167
West Virginia	27	467	-	29.3	.65	.48	143	165
Missouri	23,112	21,802	88.1	90.1	1.01	1.01	135	139
Colorado	62	54	14.5	100.0	.17	.30	187	138
Illinois	12,883	11,394	89.7	96.6	1.08	1.01	151	161
Indiana	55	45	49.1	-	.55	.53	123	126
Kansas	97	234	30.3	58.7	1.39	1.49	133	127
Kentucky	231	14	97.4	1.5	1.38	.81	125	128
Missouri	2,889	3,389	98.9	98.5	2.14	2.10	130	130
Oklahoma	291	561	63.1	81.9	1.64	1.61	136	128
Utah	48	-	-	-	.20	-	183	-
Wyoming	6,555	6,110	76.3	76.0	.22	.20	96	94
Montana	9,257	9,507	100.0	100.0	.39	.39	58	55
Montana	9,257	9,507	100.0	100.0	.39	.39	58	55
Nebraska	6,720	6,713	82.0	91.8	.21	.21	84	85
Colorado	80	69	100.0	100.0	.23	.28	182	179
Montana	0	0	-	-	.18	.16	23	89
Wyoming	6,640	6,643	81.8	91.7	.21	.21	82	83
Nevada	6,431	7,307	100.0	100.0	.23	.23	150	136
Arizona	3,851	4,601	100.0	100.0	.24	.23	121	101
Utah	2,126	2,127	100.0	100.0	.23	.21	190	195
Wyoming	454	579	100.0	100.0	.24	.25	199	193
New Hampshire	983	1,126	12.8	22.3	.78	.86	172	179
Imported	-	52	-	-	-	.74	-	173
Ohio	16	-	-	-	1.20	-	183	-
Pennsylvania	195	133	20.3	-	.50	.61	174	174
Virginia	35	10	-	100.0	.46	.42	219	199
West Virginia	737	831	11.4	25.9	.83	.91	169	180
Imported coal Canada	-	52	-	-	-	.74	-	173
New Jersey	3,077	2,193	76.5	84.3	.44	.47	175	172
Imported	41	-	-	-	.20	-	184	-
Idaho	56	20	-	-	.29	.29	179	172
Idaho	34	21	-	-	.55	.79	181	178
Idaho	1,058	802	79.9	87.2	.31	.30	173	173
Idaho	1,889	1,350	79.8	85.2	.52	.58	177	171
Colombia	12	-	-	-	.22	-	178	-
Venezuela	29	-	-	-	.20	-	188	-
Idaho	13,881	13,011	100.0	100.0	.43	.42	124	118
Idaho	13,881	13,011	100.0	100.0	.43	.42	124	118
Idaho	8,105	7,771	64.1	60.3	.65	.68	157	158
Idaho	508	628	100.0	100.0	.19	.20	200	197
Idaho	-	8	-	-	-	.68	-	144
Idaho	28	130	-	-	.86	.65	155	153
Idaho	5,442	4,576	44.2	38.0	.68	.70	149	149
Idaho	3,127	2,430	93.4	95.4	.71	.75	184	166
Idaho	17,080	15,525	84.1	93.6	.37	.37	177	177
Idaho	8,532	7,242	81.3	89.8	.37	.38	180	181
Idaho	166	206	100.0	99.5	.54	.54	187	190
Idaho	3,978	3,773	92.2	96.1	.40	.39	171	169
Idaho	4,403	4,303	81.8	97.7	.31	.31	174	177
Idaho	19,280	19,590	98.4	99.8	.55	.53	69	70
Idaho	19,280	19,590	98.4	99.8	.55	.53	69	70
Idaho	45,315	41,852	66.9	69.7	1.04	1.04	148	153
Idaho	70	145	-	-	1.28	1.37	100	95
Idaho	8,466	7,630	55.5	59.4	.54	.59	153	156
Idaho	22,423	20,587	70.4	75.8	1.41	1.41	153	155
Pennsylvania	2,792	3,115	53.6	63.8	.86	.85	134	135
Virginia	33	-	-	-	.52	-	184	-
West Virginia	11,532	10,365	72.3	68.1	.74	.70	139	153
Oklahoma	13,354	12,285	90.6	91.4	.25	.25	137	149
Oklahoma	728	659	20.0	33.5	.58	.55	142	151
Wyoming	12,629	11,626	84.7	84.7	.23	.22	136	149
Oregon	-	235	-	91.1	-	.19	-	139
Wyoming	-	235	-	91.1	-	.19	-	139
Pennsylvania	39,297	36,676	74.5	79.8	.84	.87	144	145
Kentucky	-	7	-	100.0	-	.41	-	193
Ohio	2,067	2,156	85.1	87.9	1.62	1.62	151	145

See footnotes at end of table.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,  
January-November 1989 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Quality (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
Pennsylvania								
Pennsylvania .....	28,491	27,128	68.7	75.0	0.72	0.75	145	146
West Virginia .....	8,739	7,386	88.7	91.5	1.05	1.10	141	141
South Carolina .....	9,158	8,259	63.3	69.6	.44	.47	171	176
Kentucky .....	8,068	7,199	61.7	69.9	.44	.46	173	179
Tennessee .....	107	153	.1	8.6	.57	.60	155	149
Virginia .....	957	853	84.9	75.3	.50	.54	157	157
West Virginia .....	25	54	16.6	100.0	.50	.39	172	195
South Dakota .....	1,850	1,945	100.0	92.6	.73	.71	124	121
Montana .....	-	144	-	-	-	.36	-	112
North Dakota .....	1,850	1,800	100.0	100.0	.73	.75	124	122
Wyoming .....	-	1	-	-	-	.17	-	203
Tennessee .....	16,874	18,173	82.2	87.8	.84	.87	134	133
Illinois .....	1,362	1,104	8.9	9.8	.84	.80	112	107
Kentucky .....	12,551	14,020	91.8	94.4	.89	.93	140	138
Tennessee .....	1,758	1,607	69.2	81.0	.56	.55	116	114
Virginia .....	1,185	1,159	83.7	88.8	.72	.57	123	125
West Virginia .....	18	284	100.0	100.0	1.05	1.11	139	138
Texas .....	77,295	72,993	91.1	96.4	.49	.47	146	147
Colorado .....	1,378	1,657	100.0	84.0	.17	.17	223	211
Montana .....	-	569	-	100.0	-	.25	-	234
Texas .....	43,896	42,507	93.9	97.9	.78	.72	105	108
Utah .....	218	21	59.9	-	.23	.19	171	149
Wyoming .....	31,602	28,239	87.1	95.0	.21	.21	183	185
Utah .....	12,385	11,334	90.9	94.8	.21	.21	124	125
Colorado .....	1,239	901	100.0	100.0	.20	.20	240	247
Utah .....	11,146	10,433	89.9	94.4	.22	.21	112	116
Virginia .....	9,106	6,489	51.3	63.4	.37	.36	154	156
Kentucky .....	3,323	1,680	41.1	45.0	.40	.43	156	154
Virginia .....	3,277	2,985	70.8	81.2	.36	.35	156	157
West Virginia .....	2,506	1,824	39.2	51.2	.34	.29	149	156
Washington .....	5,122	5,137	86.1	90.8	.41	.40	156	155
Montana .....	55	86	-	100.0	.17	.21	131	131
Washington .....	4,518	4,773	97.6	93.7	.43	.42	160	157
Wyoming .....	549	278	-	38.1	.20	.15	124	127
West Virginia .....	28,720	24,927	73.6	85.2	.74	.72	142	144
Kentucky .....	988	447	51.0	90.8	.40	.35	166	182
Maryland .....	851	1,056	45.7	71.3	.71	.67	116	122
Ohio .....	853	143	39.0	-	1.67	1.69	102	86
Pennsylvania .....	296	155	12.4	7.6	.62	.55	120	122
West Virginia .....	25,732	23,125	77.2	86.8	.73	.73	144	145
Wisconsin .....	16,317	16,278	87.3	90.2	.44	.47	145	147
Illinois .....	1,373	2,051	90.5	95.9	.87	.84	145	168
Indiana .....	2,012	1,986	96.9	95.6	.86	.88	182	171
Kentucky .....	378	201	33.2	25.3	.60	.40	158	157
Montana .....	1,946	2,040	84.7	93.0	.36	.41	157	157
New Mexico .....	-	10	-	-	-	.14	-	213
Ohio .....	7	-	100.0	-	.56	-	163	-
Pennsylvania .....	1,385	1,104	100.0	100.0	.64	.61	153	160
Virginia .....	45	7	-	-	.28	.27	164	181
West Virginia .....	112	147	48.9	-	.68	.82	167	142
Wyoming .....	9,057	8,731	86.4	88.9	.20	.20	128	128
Wyoming .....	19,671	20,837	91.0	99.2	.30	.30	85	84
Wyoming .....	19,671	20,837	91.0	99.2	.30	.30	85	84
U.S. Total .....	692,588	664,288	82.5	86.6	.64	.63	145	147

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,  
January-November 1989 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Quality (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
Mississippi								
Kentucky .....	2,173	3,274	79.5	73.5	0.43	0.46	177	190
Virginia .....	-	84	-	-	-	.28	-	167
West Virginia .....	27	467	-	29.3	.65	.48	143	165
Missouri	23,112	21,802	86.1	90.1	1.01	1.01	135	139
Colorado .....	62	54	14.5	100.0	.17	.30	187	138
Illinois .....	12,883	11,394	89.7	96.6	1.08	1.01	151	161
Indiana .....	55	45	49.1	-	.55	.53	123	126
Kansas .....	97	234	30.3	58.7	1.39	1.49	133	127
Kentucky .....	231	14	97.4	1.5	1.38	.81	125	128
Missouri .....	2,889	3,389	98.9	98.5	2.14	2.10	130	130
Oklahoma .....	291	561	63.1	81.9	1.64	1.61	136	128
Utah .....	48	-	-	-	.20	-	183	-
Wyoming .....	6,555	6,110	78.3	76.0	.22	.20	96	94
Montana	9,257	9,507	100.0	100.0	.39	.39	58	55
Montana .....	9,257	9,507	100.0	100.0	.39	.39	58	55
Nebraska	6,720	6,713	82.0	91.8	.21	.21	84	85
Colorado .....	80	69	100.0	100.0	.23	.28	182	179
Montana .....	0	0	-	-	.18	.16	23	89
Wyoming .....	6,640	6,643	81.8	91.7	.21	.21	82	83
Nevada	6,431	7,307	100.0	100.0	.23	.23	150	136
Arizona .....	3,851	4,601	100.0	100.0	.24	.23	121	101
Utah .....	2,126	2,127	100.0	100.0	.23	.21	190	195
Wyoming .....	454	579	100.0	100.0	.24	.25	199	193
New Hampshire	983	1,128	12.6	22.3	.78	.86	172	179
Imported .....	-	52	-	-	-	.74	-	173
Ohio .....	16	-	-	-	1.20	-	183	-
Pennsylvania .....	195	133	20.3	-	.50	.61	174	174
Virginia .....	35	10	-	100.0	.46	.42	219	199
West Virginia .....	737	931	11.4	25.9	.83	.91	169	180
Imported coal Canada .....	-	52	-	-	-	.74	-	173
New Jersey	3,077	2,193	78.5	84.3	.44	.47	175	172
Imported .....	41	-	-	-	.20	-	184	-
Kentucky .....	58	20	-	-	.29	.29	179	172
Pennsylvania .....	34	21	-	-	.55	.79	181	178
Virginia .....	1,058	802	79.9	87.2	.31	.30	173	173
West Virginia .....	1,889	1,350	79.8	85.2	.52	.58	177	171
Imported coal Colombia .....	12	-	-	-	.22	-	176	-
Imported coal Venezuela .....	29	-	-	-	.20	-	188	-
New Mexico	13,881	13,011	100.0	100.0	.43	.42	124	118
New Mexico .....	13,881	13,011	100.0	100.0	.43	.42	124	118
New York	8,105	7,771	64.1	60.3	.65	.68	157	158
Kentucky .....	508	628	100.0	100.0	.19	.20	200	197
Maryland .....	-	8	-	-	-	.68	-	144
Ohio .....	28	130	-	-	.86	.65	155	153
Pennsylvania .....	5,442	4,578	44.2	38.0	.68	.70	149	149
West Virginia .....	3,127	2,430	93.4	95.4	.71	.75	164	166
North Carolina	17,080	15,525	84.1	93.6	.37	.37	177	177
Kentucky .....	8,532	7,242	81.3	89.8	.37	.38	180	181
Tennessee .....	166	206	100.0	99.5	.54	.54	167	190
Virginia .....	3,978	3,773	92.2	96.1	.40	.39	171	169
West Virginia .....	4,403	4,303	81.8	97.7	.31	.31	174	177
North Dakota	19,280	19,590	98.4	99.8	.55	.53	69	70
North Dakota .....	19,280	19,590	98.4	99.8	.55	.53	69	70
Ohio	45,315	41,852	66.9	69.7	1.04	1.04	148	153
Indiana .....	70	145	-	-	1.28	1.37	100	95
Kentucky .....	8,466	7,630	55.5	59.4	.54	.59	153	156
Ohio .....	22,423	20,597	70.4	75.8	1.41	1.41	153	155
Pennsylvania .....	2,792	3,115	53.6	63.8	.86	.85	134	135
Virginia .....	33	-	-	-	.52	-	184	-
West Virginia .....	11,532	10,365	72.3	68.1	.74	.70	139	153
Oklahoma	13,354	12,285	90.6	91.4	.26	.25	137	149
Oklahoma .....	726	659	20.0	33.5	.58	.55	142	151
Wyoming .....	12,629	11,626	84.7	84.7	.23	.22	136	149
Oregon	-	235	-	91.1	-	.19	-	139
Wyoming .....	-	235	-	91.1	-	.19	-	139
Pennsylvania	39,297	38,678	74.5	79.6	.84	.87	144	145
Kentucky .....	-	7	-	100.0	-	.41	-	193
Ohio .....	2,067	2,158	95.1	97.9	1.62	1.62	151	145

See footnotes at end of table.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,  
January-November 1989 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Quality (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
<b>Pennsylvania</b>								
Pennsylvania .....	28,491	27,128	68.7	75.0	0.72	0.75	145	146
West Virginia .....	8,739	7,388	88.7	91.5	1.05	1.10	141	141
<b>South Carolina</b>	8,158	8,259	63.3	69.6	.44	.47	171	178
Kentucky .....	8,068	7,199	61.7	69.9	.44	.46	173	179
Tennessee .....	107	153	.1	8.6	.57	.60	155	149
Virginia .....	957	853	84.9	75.3	.50	.54	157	157
West Virginia .....	25	54	16.6	100.0	.50	.39	172	195
<b>South Dakota</b>	1,850	1,945	100.0	92.6	.73	.71	124	121
Montana .....	-	144	-	-	-	.36	-	112
North Dakota .....	1,850	1,800	100.0	100.0	.73	.75	124	122
Wyoming .....	-	1	-	-	-	.17	-	203
<b>Tennessee</b>	16,874	18,173	82.2	87.8	.84	.87	134	133
Illinois .....	1,362	1,104	8.9	8.8	.84	.80	112	107
Kentucky .....	12,551	14,020	91.8	94.4	.89	.93	140	138
Tennessee .....	1,758	1,607	69.2	81.0	.58	.55	116	114
Virginia .....	1,185	1,159	83.7	88.6	.72	.57	123	125
West Virginia .....	18	284	100.0	100.0	1.05	1.11	139	138
<b>Texas</b>	77,295	72,993	91.1	96.4	.49	.47	146	147
Colorado .....	1,378	1,657	100.0	84.0	.17	.17	223	211
Montana .....	-	569	-	100.0	-	.25	-	234
Texas .....	43,896	42,507	93.9	97.9	.78	.72	105	108
Utah .....	218	21	58.9	-	.23	.19	171	149
Wyoming .....	31,802	28,239	87.1	95.0	.21	.21	183	185
<b>Utah</b>	12,385	11,334	90.9	94.8	.21	.21	124	125
Colorado .....	1,239	901	100.0	100.0	.20	.20	240	247
Utah .....	11,146	10,433	89.9	94.4	.22	.21	112	116
Virginia .....	9,106	6,489	51.3	63.4	.37	.36	154	156
Kentucky .....	3,323	1,680	41.1	45.0	.40	.43	156	154
Virginia .....	3,277	2,985	70.8	81.2	.36	.35	156	157
West Virginia .....	2,506	1,824	39.2	51.2	.34	.29	149	156
<b>Washington</b>	5,122	5,137	88.1	90.8	.41	.40	158	155
Montana .....	55	86	-	100.0	.17	.21	131	131
Washington .....	4,518	4,773	97.6	93.7	.43	.42	160	157
Wyoming .....	549	278	-	38.1	.20	.15	124	127
<b>West Virginia</b>	28,720	24,927	73.6	85.2	.74	.72	142	144
Kentucky .....	988	447	51.0	90.8	.40	.35	166	182
Maryland .....	851	1,056	45.7	71.3	.71	.67	118	122
Ohio .....	853	143	39.0	-	1.67	1.59	102	86
Pennsylvania .....	296	155	12.4	7.0	.62	.55	120	122
West Virginia .....	25,732	23,125	77.2	86.8	.73	.73	144	145
<b>Wisconsin</b>	16,317	16,278	87.3	90.2	.44	.47	145	147
Illinois .....	1,373	2,051	90.5	95.9	.87	.84	145	168
Indiana .....	2,012	1,986	96.9	95.6	.86	.88	182	171
Kentucky .....	378	201	33.2	25.3	.60	.40	158	157
Montana .....	1,846	2,040	84.7	93.0	.36	.41	157	157
New Mexico .....	-	10	-	-	-	.14	-	213
Ohio .....	7	-	100.0	-	.58	-	163	-
Pennsylvania .....	1,385	1,104	100.0	100.0	.64	.61	153	160
Virginia .....	45	7	-	-	.28	.27	164	181
West Virginia .....	112	147	48.9	-	.68	.82	167	142
Wyoming .....	9,057	8,731	86.4	88.9	.20	.20	128	128
<b>Wyoming</b>	19,671	20,837	91.0	99.2	.30	.30	85	84
Wyoming .....	19,671	20,837	91.0	99.2	.30	.30	85	84
<b>U.S. Total</b>	<b>692,588</b>	<b>664,288</b>	<b>82.5</b>	<b>86.6</b>	<b>.64</b>	<b>.63</b>	<b>145</b>	<b>147</b>

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."



**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,  
January-November 1989**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Quality (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
Alabama .....	13,711	13,585	90.8	90.4	0.56	0.53	201	204
Alabama .....	13,501	13,427	92.2	91.4	.56	.52	202	205
Florida .....	13	137	-	-	1.27	1.20	114	114
Georgia .....	198	-	-	-	.82	-	152	-
Indiana .....	-	5	-	-	-	.23	-	158
Mississippi .....	-	16	-	-	-	.98	-	153
Arizona .....	10,926	11,117	100.0	100.0	.23	.23	105	99
Arizona .....	7,076	6,516	100.0	100.0	.22	.22	97	98
Nevada .....	3,851	4,601	100.0	100.0	.24	.23	121	101
Arkansas .....	-	222	-	-	-	.41	-	118
Arkansas .....	-	222	-	-	-	.41	-	118
Colorado .....	12,706	12,028	86.5	87.1	.19	.19	141	140
Arizona .....	483	490	100.0	100.0	.17	.15	172	170
Colorado .....	9,236	8,562	83.0	85.0	.19	.19	109	108
Illinois .....	39	-	-	-	.21	-	180	-
Indiana .....	189	295	74.8	100.0	.19	.17	302	298
Missouri .....	62	54	14.5	100.0	.17	.30	187	138
Nebraska .....	80	69	100.0	100.0	.23	.28	182	179
Texas .....	1,378	1,657	100.0	84.0	.17	.17	223	211
Utah .....	1,239	901	100.0	100.0	.20	.20	240	247
Illinois .....	50,049	49,314	87.3	91.4	1.18	1.14	157	164
Alabama .....	795	212	3.2	-	.99	.91	110	102
Florida .....	3,779	3,944	99.3	96.8	1.19	1.16	198	193
Georgia .....	4,775	5,142	99.4	100.0	1.14	1.09	184	194
Illinois .....	13,462	13,155	95.7	94.8	1.35	1.36	151	153
Indiana .....	8,248	8,231	87.4	95.3	1.20	1.20	160	165
Iowa .....	1,722	2,022	62.0	80.9	1.27	1.12	144	146
Kansas .....	559	1,111	29.5	47.5	1.32	1.07	146	145
Kentucky .....	9	19	-	-	.86	.30	116	114
Michigan .....	-	48	-	-	-	.40	-	137
Minnesota .....	52	117	100.0	86.4	.67	.67	195	189
Mississippi .....	1,029	783	84.9	55.3	.99	.99	147	160
Missouri .....	12,883	11,394	89.7	96.6	1.08	1.01	151	161
Tennessee .....	1,362	1,104	8.9	9.8	.84	.80	112	107
Wisconsin .....	1,373	2,051	90.5	95.9	.87	.84	145	168
Indiana .....	24,933	22,440	74.1	82.0	1.15	1.12	126	129
Alabama .....	330	-	-	-	1.47	-	106	-
Florida .....	496	91	15.5	-	1.50	1.26	129	119
Illinois .....	1,832	1,105	68.1	84.3	.68	.64	126	136
Indiana .....	17,286	15,567	80.3	86.3	1.23	1.20	122	126
Iowa .....	708	487	43.1	56.3	1.08	1.15	131	116
Kentucky .....	1,827	2,762	47.2	64.2	1.11	1.05	104	116
Michigan .....	149	160	58.6	46.3	1.16	1.16	155	160
Minnesota .....	68	72	-	-	.82	.79	138	148
Missouri .....	55	45	49.1	-	.55	.53	123	126
Ohio .....	70	145	-	-	1.28	1.37	100	95
Wisconsin .....	2,012	1,986	96.9	95.6	.86	.88	182	171
Iowa .....	43	82	100.0	87.8	1.80	1.01	152	133
Iowa .....	43	82	100.0	87.8	1.80	1.01	152	133
Kansas .....	733	536	55.2	77.8	1.86	1.99	131	127
Kansas .....	636	302	59.0	92.7	1.84	2.49	130	127
Missouri .....	97	234	30.3	58.7	1.39	1.49	133	127
Kentucky .....	111,292	106,308	70.5	75.9	.74	.73	154	158
Alabama .....	1,967	1,601	39.0	53.7	1.17	.97	124	130
Connecticut .....	790	770	92.5	98.9	.20	.20	215	230
Delaware .....	24	97	75.0	23.7	.30	.29	177	177
Florida .....	13,812	13,516	69.5	71.6	.64	.67	172	175
Georgia .....	13,125	11,949	67.9	79.0	.64	.68	167	162
Illinois .....	1,444	2,274	67.2	76.0	.32	.57	163	150
Indiana .....	3,831	3,472	79.5	68.3	1.21	1.21	126	132
Iowa .....	75	34	-	-	1.18	1.44	127	119
Kentucky .....	23,487	20,770	66.1	70.7	1.29	1.20	114	121
Maryland .....	666	305	85.0	95.4	.29	.30	166	162
Massachusetts .....	23	-	-	-	.35	-	138	-
Michigan .....	6,773	9,159	84.8	79.4	.33	.32	194	191
Minnesota .....	1	-	-	-	.29	-	198	-
Mississippi .....	2,173	3,274	79.5	73.5	.43	.46	177	180
Missouri .....	231	14	97.4	1.5	1.38	.81	125	128
New Jersey .....	56	20	-	-	.29	.29	179	172

See footnotes at end of table.

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,  
January-November 1989  
(Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Quality (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
Kentucky								
New York	508	628	100.0	100.0	0.19	0.20	200	197
North Carolina	8,532	7,242	81.3	89.8	.37	.38	180	181
Ohio	8,466	7,630	55.5	59.4	.54	.59	153	156
Pennsylvania	-	7	-	100.0	-	.41	-	193
South Carolina	8,088	7,199	61.7	69.9	.44	.46	173	179
Tennessee	12,551	14,020	91.8	94.4	.89	.93	140	138
Virginia	3,323	1,680	41.1	45.0	.40	.43	156	154
West Virginia	988	447	51.0	90.8	.40	.35	106	182
Wisconsin	378	201	33.2	25.3	.60	.40	158	157
Louisiana	2,770	2,763	91.0	100.0	.40	.40	127	124
Louisiana	2,770	2,763	91.0	100.0	.40	.40	127	124
Maryland	2,156	2,275	51.1	79.4	.65	.63	148	143
Delaware	7	-	100.0	-	.58	-	139	-
Maryland	1,297	1,080	54.4	91.8	.62	.61	165	163
Massachusetts	-	131	-	48.8	-	.48	-	155
New York	-	8	-	-	-	.68	-	144
West Virginia	851	1,056	45.7	71.3	.71	.67	116	122
Missouri	2,889	3,491	98.9	98.6	2.14	2.11	130	130
Iowa	-	9	-	100.0	-	1.36	-	127
Kansas	-	93	-	100.0	-	2.65	-	128
Missouri	2,889	3,389	98.9	98.5	2.14	2.10	130	130
Montana	33,063	33,692	94.4	94.0	.30	.33	134	134
Georgia	54	-	-	-	.17	-	181	-
Illinois	2,830	2,392	99.5	100.0	.19	.20	283	281
Indiana	286	410	61.8	100.0	.18	.20	235	286
Iowa	-	1	-	-	-	.21	-	90
Michigan	10,718	9,388	94.5	85.8	.19	.20	153	159
Minnesota	8,116	9,154	90.8	95.8	.39	.43	127	125
Montana	9,257	9,507	100.0	100.0	.39	.39	58	55
Nebraska	0	0	-	-	.18	.16	23	89
South Dakota	-	144	-	-	-	.36	-	112
Texas	-	569	-	100.0	-	.25	-	234
Washington	55	86	-	100.0	.17	.21	131	131
Wisconsin	1,946	2,040	84.7	93.0	.36	.41	157	157
New Mexico	20,426	18,945	98.7	99.9	.37	.37	144	142
Arizona	6,493	5,925	100.0	100.0	.25	.26	182	189
Colorado	32	-	-	-	.21	-	130	-
Illinois	20	-	-	-	.23	-	182	-
New Mexico	13,881	13,011	100.0	100.0	.43	.42	124	118
Wisconsin	-	10	-	-	-	.14	-	213
North Dakota	21,130	21,427	98.5	99.8	.57	.55	74	75
Minnesota	-	37	-	100.0	-	.58	-	176
North Dakota	19,280	19,590	98.4	99.8	.55	.53	69	70
South Dakota	1,850	1,800	100.0	100.0	.73	.75	124	122
Ohio	28,027	25,874	73.5	78.8	1.40	1.38	156	158
Alabama	2,287	2,430	100.0	100.0	.99	.97	209	205
Indiana	10	11	-	-	.97	1.25	129	107
Kentucky	118	257	54.3	51.0	1.11	1.18	131	127
Michigan	217	149	87.6	74.5	1.24	1.42	179	185
New Hampshire	16	-	-	-	1.20	-	183	-
New York	28	130	-	-	.86	.85	155	163
Ohio	22,423	20,597	70.4	75.8	1.41	1.41	153	155
Pennsylvania	2,067	2,158	95.1	97.9	1.62	1.62	151	145
West Virginia	853	143	39.0	-	1.67	1.59	102	86
Wisconsin	7	-	100.0	-	.56	-	163	-
Oklahoma	1,017	1,332	32.4	51.1	.88	.96	141	144
Florida	-	53	-	-	-	.28	-	202
Kansas	-	59	-	-	-	.17	-	150
Missouri	291	561	63.1	81.9	1.64	1.61	136	128
Oklahoma	726	659	20.0	33.5	.58	.55	142	151
Pennsylvania	43,772	41,597	65.6	70.4	.71	.73	148	149
Delaware	435	626	75.5	76.6	.59	.70	164	171
Kentucky	18	44	49.4	100.0	.99	1.14	127	157
Maryland	2,227	2,565	95.6	95.7	.75	.71	170	169
Massachusetts	839	419	17.3	-	.53	.50	164	172
Michigan	1,617	1,710	71.6	65.1	.50	.49	172	165
New Hampshire	195	133	20.3	-	.50	.61	174	174
New Jersey	34	21	-	-	.55	.79	181	178

See footnotes at end of table.

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,  
January-November 1989 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Quality (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
<b>Pennsylvania</b>								
New York .....	5,442	4,576	44.2	38.0	0.68	0.70	149	149
Ohio .....	2,792	3,115	53.6	63.8	.86	.85	134	135
Pennsylvania .....	28,491	27,128	68.7	75.0	.72	.75	145	146
West Virginia .....	296	155	12.4	7.8	.62	.55	120	122
Wisconsin .....	1,385	1,104	100.0	100.0	.64	.61	153	160
<b>Tennessee</b> .....	4,300	4,135	59.6	77.7	.53	.52	141	143
Alabama .....	685	694	26.9	69.7	.31	.31	126	124
Florida .....	78	-	100.0	-	.39	-	215	-
Georgia .....	1,008	1,264	77.6	94.9	.41	.48	199	190
Kentucky .....	499	211	27.1	4.7	1.04	1.18	105	101
North Carolina .....	166	206	100.0	99.5	.54	.54	187	190
South Carolina .....	107	153	.1	8.6	.57	.60	155	149
Tennessee .....	1,758	1,607	69.2	81.0	.56	.55	116	114
<b>Texas</b> .....	43,896	42,507	93.9	97.9	.78	.72	105	108
Texas .....	43,896	42,507	93.9	97.9	.78	.72	105	108
<b>Utah</b> .....	13,538	12,621	90.7	95.1	.22	.21	126	129
Colorado .....	-	39	-	54.1	-	.18	-	118
Missouri .....	49	-	-	-	.20	-	183	-
Nevada .....	2,126	2,127	100.0	100.0	.23	.21	190	195
Texas .....	218	21	59.9	-	.23	.19	171	149
Utah .....	11,146	10,433	89.9	94.4	.22	.21	112	116
<b>Virginia</b> .....	16,534	16,595	82.6	84.8	.44	.42	166	164
Alabama .....	-	40	-	-	-	.62	-	145
Delaware .....	61	-	100.0	-	.32	-	200	-
Florida .....	763	977	97.8	80.1	.29	.28	232	211
Georgia .....	3,046	3,442	69.7	75.9	.55	.50	171	165
Illinois .....	6	-	-	-	.29	-	185	-
Indiana .....	-	175	-	-	-	.27	-	163
Massachusetts .....	1,562	1,797	100.0	94.9	.46	.44	162	163
Michigan .....	527	511	100.0	100.0	.48	.46	176	171
Mississippi .....	-	84	-	-	-	.28	-	167
New Hampshire .....	35	10	-	100.0	.46	.42	219	199
New Jersey .....	1,058	802	79.9	87.2	.31	.30	173	173
North Carolina .....	3,978	3,773	92.2	98.1	.40	.39	171	169
Ohio .....	33	-	-	-	.52	-	184	-
South Carolina .....	957	853	84.9	75.3	.50	.54	157	157
Tennessee .....	1,185	1,159	83.7	88.6	.72	.57	123	125
Virginia .....	3,277	2,965	70.8	81.2	.36	.35	156	157
Wisconsin .....	45	7	-	-	.28	.27	164	181
<b>Washington</b> .....	4,518	4,773	97.6	93.7	.43	.42	160	157
Washington .....	4,518	4,773	97.6	93.7	.43	.42	160	157
<b>West Virginia</b> .....	76,994	72,215	75.6	77.5	.64	.63	153	155
Alabama .....	93	-	39.2	-	.32	-	158	-
Connecticut .....	26	-	-	-	.24	-	185	-
Delaware .....	1,242	1,624	93.4	78.6	.34	.32	183	185
Florida .....	1,823	2,452	89.4	81.1	.47	.51	182	173
Georgia .....	1,262	1,450	100.0	92.9	.27	.28	243	225
Illinois .....	260	334	54.6	66.8	.26	.26	169	169
Indiana .....	258	322	51.6	.6	.38	.29	188	172
Kentucky .....	2,213	2,389	45.1	29.0	.33	.36	117	119
Louisiana .....	161	207	100.0	100.0	.25	.25	202	179
Maryland .....	3,438	4,069	57.0	62.8	.48	.49	150	149
Massachusetts .....	1,523	1,583	87.4	89.2	.46	.46	155	157
Michigan .....	5,846	5,119	72.9	60.5	.29	.30	180	176
Mississippi .....	27	467	-	29.3	.65	.48	143	165
New Hampshire .....	737	931	11.4	25.9	.83	.91	169	180
New Jersey .....	1,889	1,350	79.8	85.2	.52	.58	177	171
New York .....	3,127	2,430	93.4	95.4	.71	.75	164	166
North Carolina .....	4,403	4,303	81.8	97.7	.31	.31	174	177
Ohio .....	11,532	10,365	72.3	68.1	.74	.70	139	153
Pennsylvania .....	8,739	7,386	88.7	91.5	1.05	1.10	141	141
South Carolina .....	25	54	16.6	100.0	.50	.39	172	195
Tennessee .....	18	284	100.0	100.0	1.05	1.11	139	138
Virginia .....	2,506	1,824	39.2	51.2	.34	.29	149	156
West Virginia .....	25,732	23,125	77.2	86.8	.73	.73	144	145
Wisconsin .....	112	147	48.9	-	.68	.82	167	142
<b>Wyoming</b> .....	152,095	143,481	88.3	93.8	.22	.23	137	141
Arkansas .....	10,594	10,540	100.0	100.0	.19	.20	163	161

See footnotes at end of table.

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,  
January-November 1989  
(Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Quality (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1989	1988	1989	1988	1989	1988	1989	1988
<b>Wyoming</b>								
Colorado .....	5,083	4,915	95.9	99.2	0.19	0.19	100	108
Georgia .....	108	-	-	-	.20	-	146	-
Illinois .....	3,299	5,383	98.7	100.0	.24	.22	292	291
Indiana .....	6,759	4,478	69.6	77.6	.22	.22	142	156
Iowa .....	10,898	10,199	78.9	92.9	.21	.22	117	120
Kansas .....	12,486	11,883	92.9	94.5	.20	.23	122	122
Kentucky .....	22	-	-	-	.18	-	124	-
Louisiana .....	7,884	8,024	100.0	88.1	.26	.29	171	163
Michigan .....	1,123	157	-	-	.17	.22	118	130
Minnesota .....	6,481	4,625	99.7	100.0	.18	.15	112	111
Missouri .....	6,555	6,110	78.3	78.0	.22	.20	96	94
Nebraska .....	6,640	6,643	81.8	91.7	.21	.21	82	83
Nevada .....	454	579	100.0	100.0	.24	.25	199	193
Oklahoma .....	12,629	11,626	94.7	94.7	.23	.22	136	149
Oregon .....	-	235	-	91.1	-	.19	-	139
South Dakota .....	-	1	-	-	-	.17	-	203
Texas .....	31,802	28,239	87.1	95.0	.21	.21	183	185
Washington .....	549	278	-	38.1	.20	.15	124	127
Wisconsin .....	9,057	8,731	86.4	88.9	.20	.20	128	128
Wyoming .....	19,671	20,837	91.0	99.2	.30	.30	85	84
<b>Imported Coal</b> .....	<b>1,069</b>	<b>934</b>	<b>60.4</b>	<b>69.7</b>	<b>.28</b>	<b>.30</b>	<b>178</b>	<b>144</b>
Australia .....	-	38	-	-	-	.26	-	154
Florida .....	-	38	-	-	-	.26	-	154
Canada .....	-	52	-	-	-	.74	-	173
New Hampshire .....	-	52	-	-	-	.74	-	173
Colombia .....	1,003	651	64.3	100.0	.28	.29	179	143
Florida .....	685	651	94.1	100.0	.30	.29	173	143
Georgia .....	23	-	-	-	.27	-	173	-
Maryland .....	247	-	-	-	.24	-	194	-
Massachusetts .....	35	-	-	-	.24	-	196	-
New Jersey .....	12	-	-	-	.22	-	176	-
Venezuela .....	66	193	-	-	.19	.18	161	138
Florida .....	37	193	-	-	.18	.18	141	138
New Jersey .....	29	-	-	-	.20	-	188	-
<b>U.S. Total</b> .....	<b>692,588</b>	<b>664,288</b>	<b>82.5</b>	<b>86.6</b>	<b>.64</b>	<b>.63</b>	<b>145</b>	<b>147</b>

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

# NOT FOR SALE

## BECAUSE IT'S FREE!

Every year the Government publishes thousands of books. And every year the U.S. Government Printing Office sells these books to the public. Now there's a book that tells you about the Government's new and popular publications—but it's not for sale . . . it's *free!*

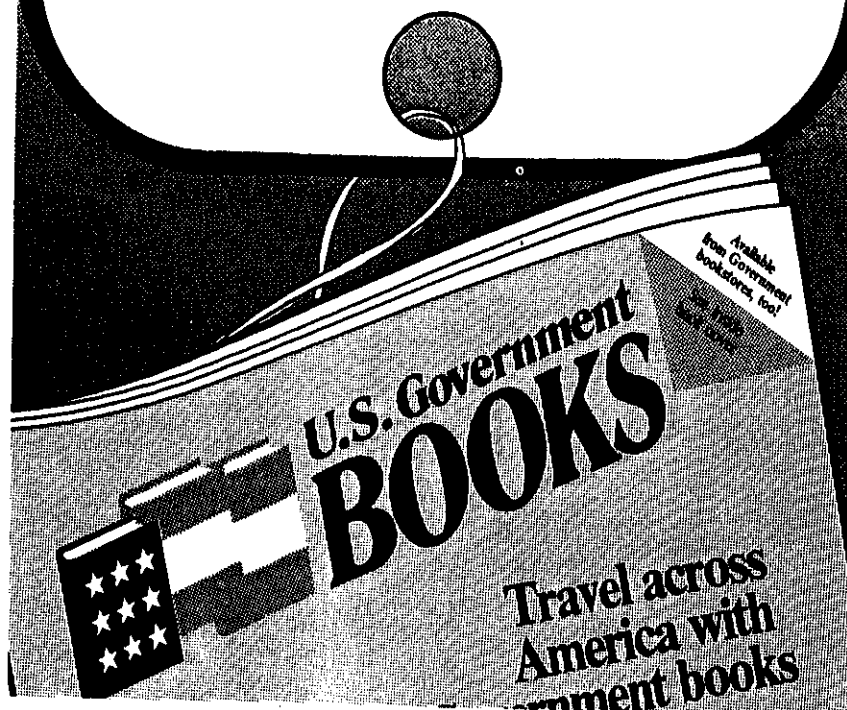
It's our catalog of books—hundreds of books from virtually every Government agency. The subjects range from agriculture, business, children, and diet to science, space, transportation, and vacations. And there are titles on military history, education, hobbies, physical fitness, gardening, and much, much more! There's also a special section for recently published books.

Find out about the Government's new and popular books by sending today for a copy of the book we *don't* sell. Write—

### *Free Catalog*

P.O. Box 37000

Washington, DC 20013-7000



This publication is available from the Superintendent of Documents, U.S. Government Printing Office (GPO). Information about purchasing this or other Energy Information Administration (EIA) publications may be obtained from the GPO or the EIA's National Energy Information Center (NEIC). Questions on energy statistics should be directed to the NEIC by mail, telephone or telecommunications device for the deaf (TDD). Addresses, telephone numbers, and hours appear below.

National Energy Information Center, EI-231  
Energy Information Administration  
Forrestal Building, Room 1F-048  
Washington, DC 20585  
(202) 586-8800  
Telecommunications Device for the  
Deaf only: (202) 586-1181  
Hours: 8 a.m. - 5 p.m., M-F, Eastern Time

Superintendent of Documents  
U.S. Government Printing Office  
Washington, DC 20402  
(202) 783-3238

---

This report was prepared by the Energy Information Administration, the independent statistical a  
Department of Energy. The information contained herein should not be construed as advocating  
Department of Energy or any other organization.

---